



Super LoiLoScope Ver.1.8

Users Manual

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**You can view the Super LoiLoScope User Manual from the software at any time.**



You can view the manual by clicking on the icon at the bottom right of the screen.

\*You must have an internet connection.



The Super LoiLoScope User Manual will be displayed.

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#### 13-1 List of keyboard shortcuts

- Keyboard shortcuts

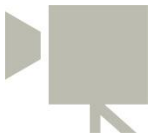















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#### 14-1 SD Quality videos

#### 14-2 HD Quality videos

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## Things you can do with Super LoiLoScope

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## 1 . Start Super LoiLoScope

### 1. Start Super LoiLoScope

#### 1-1 How to start

After Super LoiLoScope has been installed onto your computer, an icon will appear in your desktop. Double-click the icon to load Super LoiLoScope.



#### 1-2 How to close

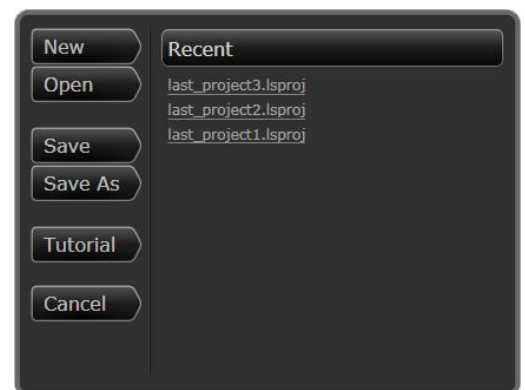
When Super LoiLoScope is in full screen mode, click the "X" on the top-right corner to close the program. In modes other than full screen mode, click on the "X" to close the window.



From Left: Minimize / Restore Down / Close

#### 1-3 Open a project

To open previously saved projects/desktops, click the desired project/desktop in the Home menu.



## 2. Learn the Basics!

## 2. Learn the Basics!

### 2-1 Basic Operations for Super LoiLoScope

#### ■ Click Zoom

##### Click and hold the desktop and move

By dragging the background, you can move the desktop as you please. You can also zoom in and zoom out by scrolling up/down with your mouse wheel.



##### Zoom In or Out with a Click

##### Just click an object you want to zoom in on.

By clicking on an object it will zoom in for prioritized viewing and begin to play.



Click on a thumbnail you wish to edit



Zoom In

##### Click on the background for mid-zoom

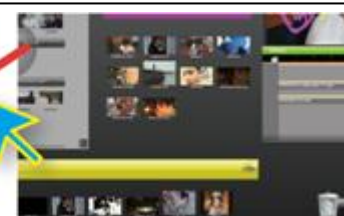
When zooming on a timeline or thumbnail, by clicking on the background or the zoom out button on the upper right portion of the object, it will zoom out to “mid-zoom”. If the desktop is already set at full desktop view, click on a certain area in the background for a closer “mid-zoom” around the selected area.



Click the zoom out button for "mid-zoom".



Click the background after you have finished editing.



Mid-Zoom

##### Click the background for a full desktop view

When in “mid-zoom” view, you can click on the background again in order to go into full desktop mode which will enable you to view all thumbnails, timelines, and magnets on the desktop.

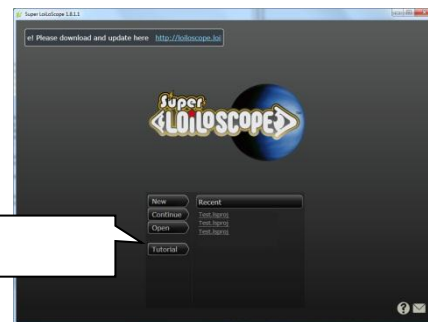


## 2. Learn the Basics!

### 2-2 Tutorial

Please begin with the tutorial. By gaining first-hand experience with the functions and features of Super LoiLoScope, it will make things much easier to learn. From the Start screen, click on the tutorial button. The tutorial will not only explain, but guide you through the general works of the enhanced video editing software.

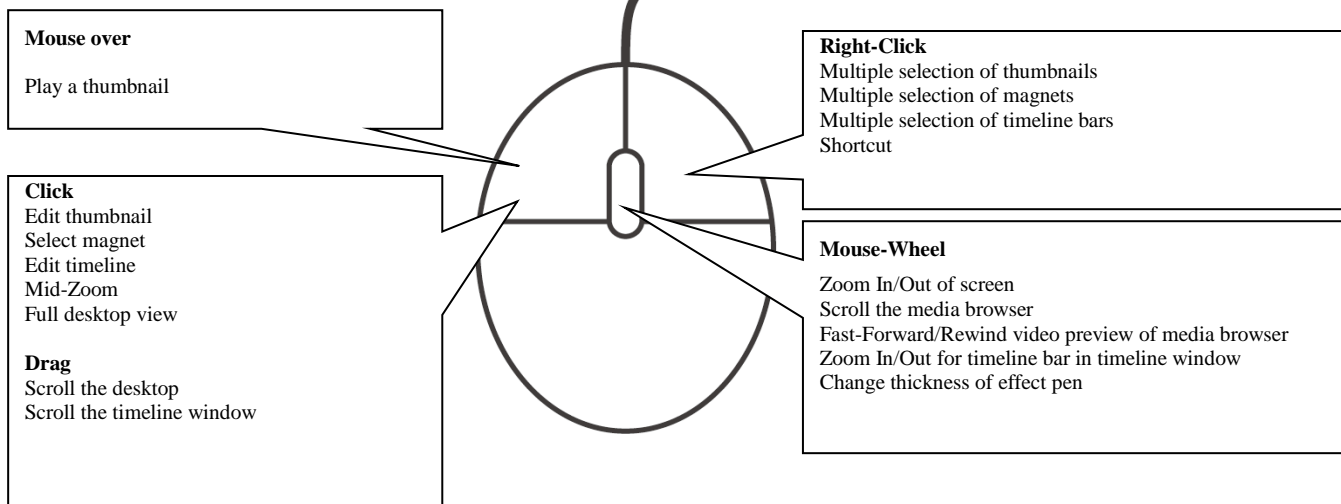
Tutorial button



### 2-3 Mouse Functions

#### Play videos and music with mouse over

Thumbnails of videos, pictures, and music files will be displayed on the desktop. When the mouse cursor is simply placed over the thumbnail, it will begin playing the file. One-click will allow editing of the thumbnail. Files can be edited and even deleted within the desktop, but will not affect the original file. However, if the original file is moved around in windows or is deleted, it will no longer work in the Super LoiLoScope desktop unless a proper workaround has been conducted.



### 3. Search for video, music, and picture files

## 3. Search for video, music, and picture files

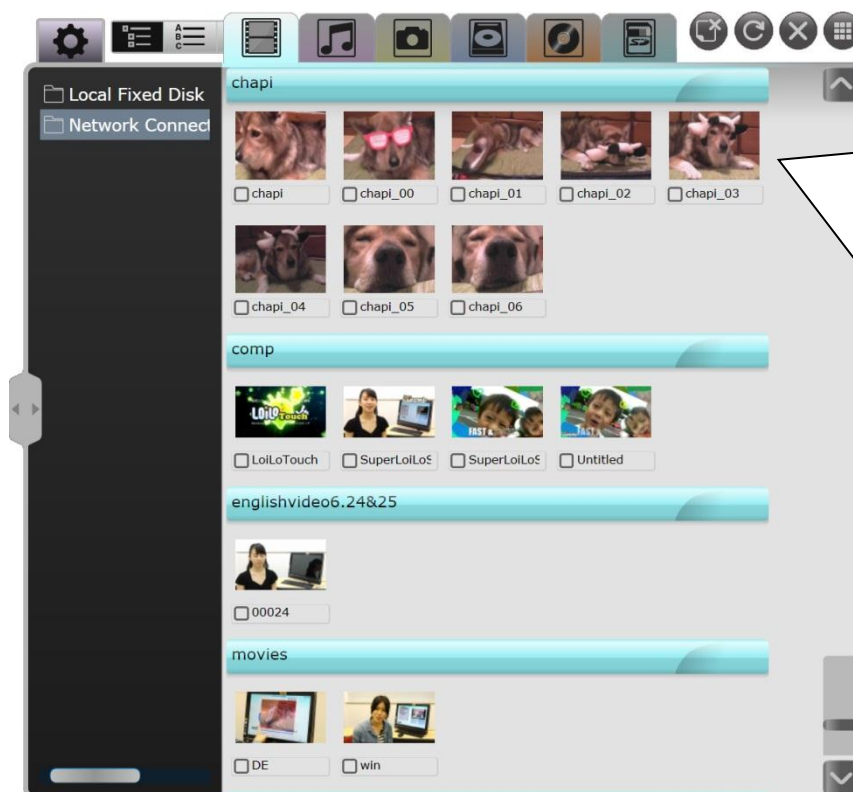
### 3-1 Media browser

#### ■ What is the media browser



You can display the media browser at any time by clicking the icon on the bottom right.

The media browser displays the videos, music, and pictures files you can edit in Super LoiLoScope. Click on the video/music/picture/external device tab to display the files, and mouse over the thumbnails within the tabs to preview the file. Click or drag the file to read the file. In the Settings tab, check the folder you wish to use and the video, picture, and music files will automatically be detected, and displayed in the proper tab. If your SD card, USB memory, external HDD, or other external device is not displayed, click on the Refresh button on the top right to display the tab for your external device and the video/music/picture files.

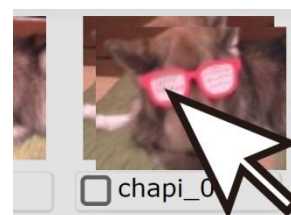


You can view a preview by placing your mouse over the thumbnail. During the preview, you can fast forward/rewind with the mouse wheel.



#### Click to read file

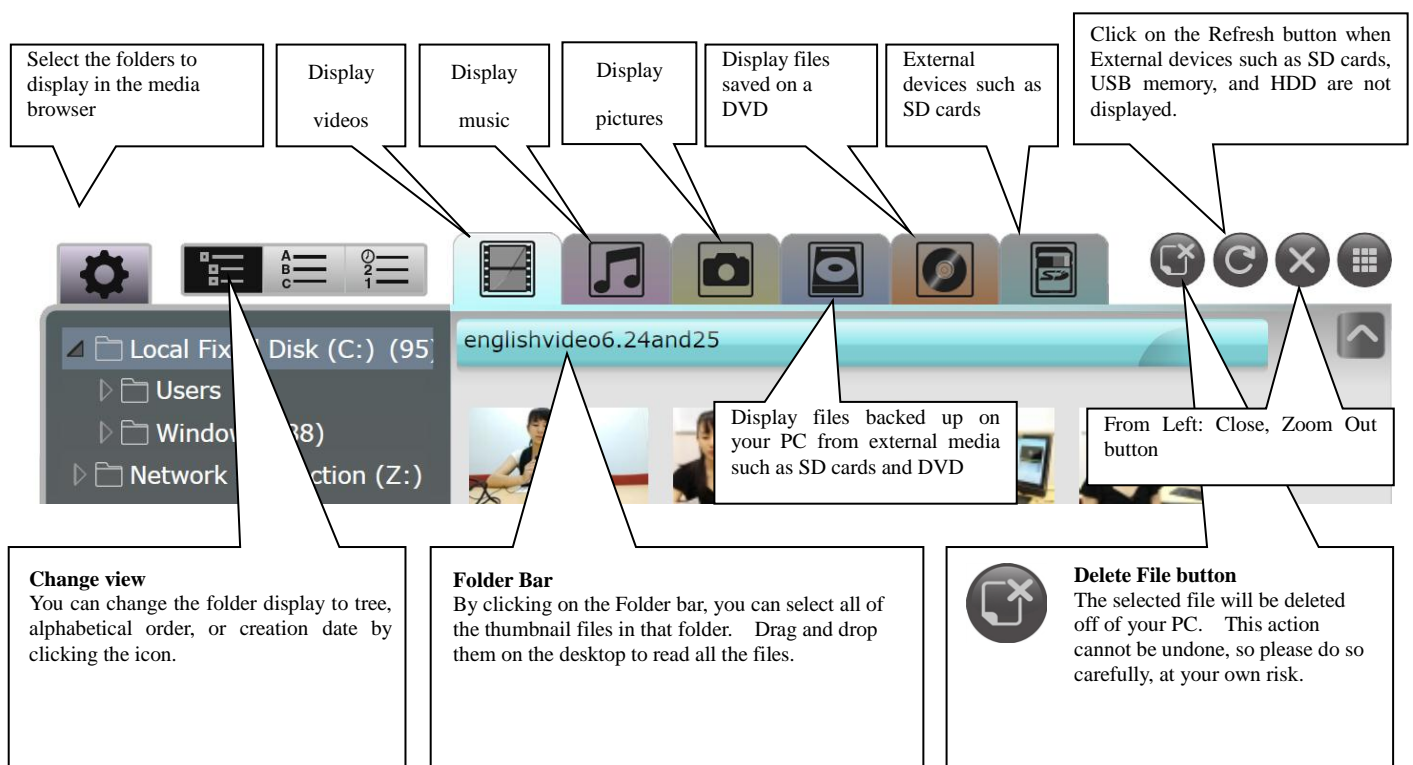
Click on the file to read.





### 3. Search for video, music, and picture files

#### ■ Tabs and buttons



#### ■ Select folders to be displayed in the media browser

##### Setting tab

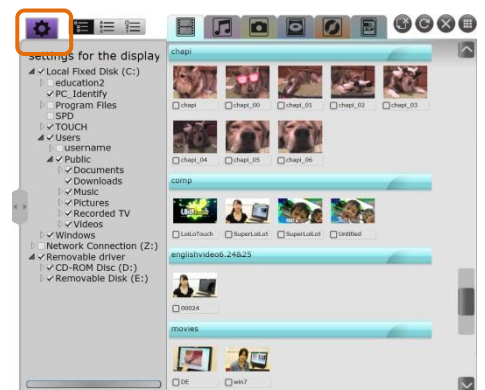
The default settings for the media browser searches for files from the locations below.

Videos: My Videos folder

Pictures: My Pictures

Music: My Music

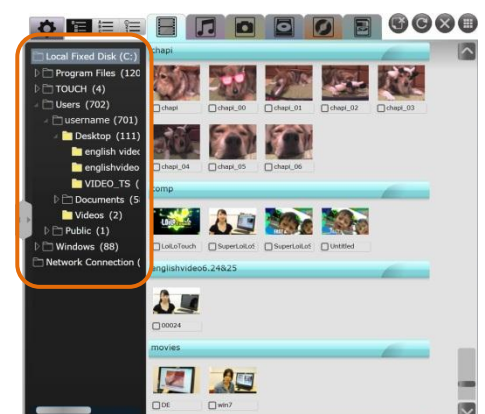
When you click on the Setting tab, a PC tree folder will be displayed. Select the folder you want to use. The folders you have checked will be continuously monitored, and the video, music, and picture files will be displayed in the proper tab.



#### ■ Select a folder

The selected folders displayed on the tree in the Setting tab contain a video, picture, or music file.

Click on the triangle to open a folder, and click on a folder you wish to view. The contents of the folder will be displayed in the viewer on the right.



### 3. Search for video, music, and picture files

## 3-2 Selecting multiple files

### ■ How to select multiple files

You can select multiple files in the following ways:

- While holding down the right mouse button, drag the red line over or around the files you wish to select
- Click the check box on the bottom left of the file
- Click the folder bar to select all the files within that folder
- Hold the shift key, and click on the folder bar and select multiple folders



You can select multiple files by dragging the red line after selecting the Multiple Selection button at the bottom left of the screen.

### ■ Deselect

You can deselect files in the following ways:

- Click the check box on the bottom left of the file to deselect the selected file
- Right click the file while holding the Ctrl key
- While holding down the Ctrl key, hold the right mouse button and deselect multiple files by dragging the red line over or around the files you wish to deselect

### ■ Read Files

You can read the files from the Media Browser by dragging and dropping the file on to the desktop. You can read all the files from a folder by dragging and dropping the folder bar. Dragging and dropping the folder Bar will attach the files to a Magnet.



#### **Quickly move files to the magnet or timeline with the shortcut**

You can quickly send files from the media browser or desktop to the desired magnet or timeline using the shortcut. To use the shortcut, right click the file, or click the shortcut button on the bottom left of the screen.

\*See 7-2 for more information about how to use the shortcut

### 3. Search for video, music, and picture files

#### 3-3 Back up files from SD cards and DVD

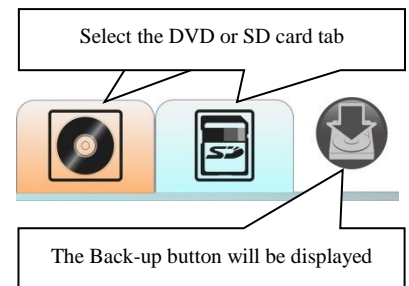
##### ■ Back-up

###### Save data from external media

You can use the media browser to save your data directly on to your PC.

###### Select the tab

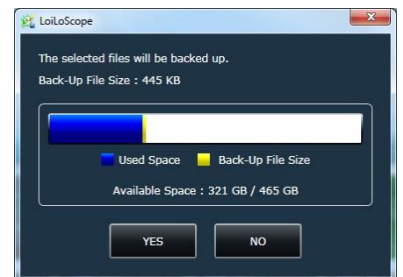
When you select the DVD or SD card tab, a Back-up button will be displayed on the left hand side. Select the files you want to save (click on the bottom left check box or select multiple files), and click on the Back-up button.



Check the size of the files, and click “Yes” to save the files to the designated Back-up folder on your PC.

The saved files will be displayed in the Back-up tab.

By clicking the Back-up button when nothing is selected in the media browser, the files on your camera that have not been backed up will be automatically saved on to your PC.

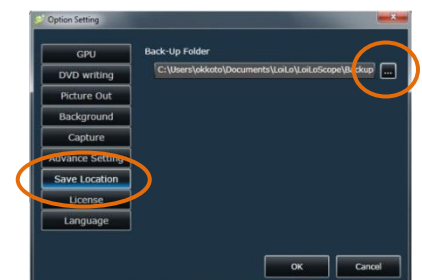


##### ■ Select a Back-up folder

**You can designate an output folder for your back up files from the Option Settings.**

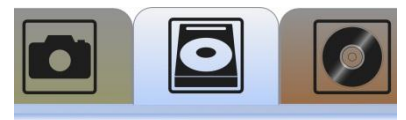
Click the option setting icon from the Home menu at the top of the page. Click on the save location button on the left.

Click on the gray button on the right of the directory field to designate a folder.



##### ■ Back-up tab

The backed up files will be displayed in the back-up tab in the media browser. You can play and edit these files in the same way you would with other video and picture files.



## 4. Select your favorite scene!

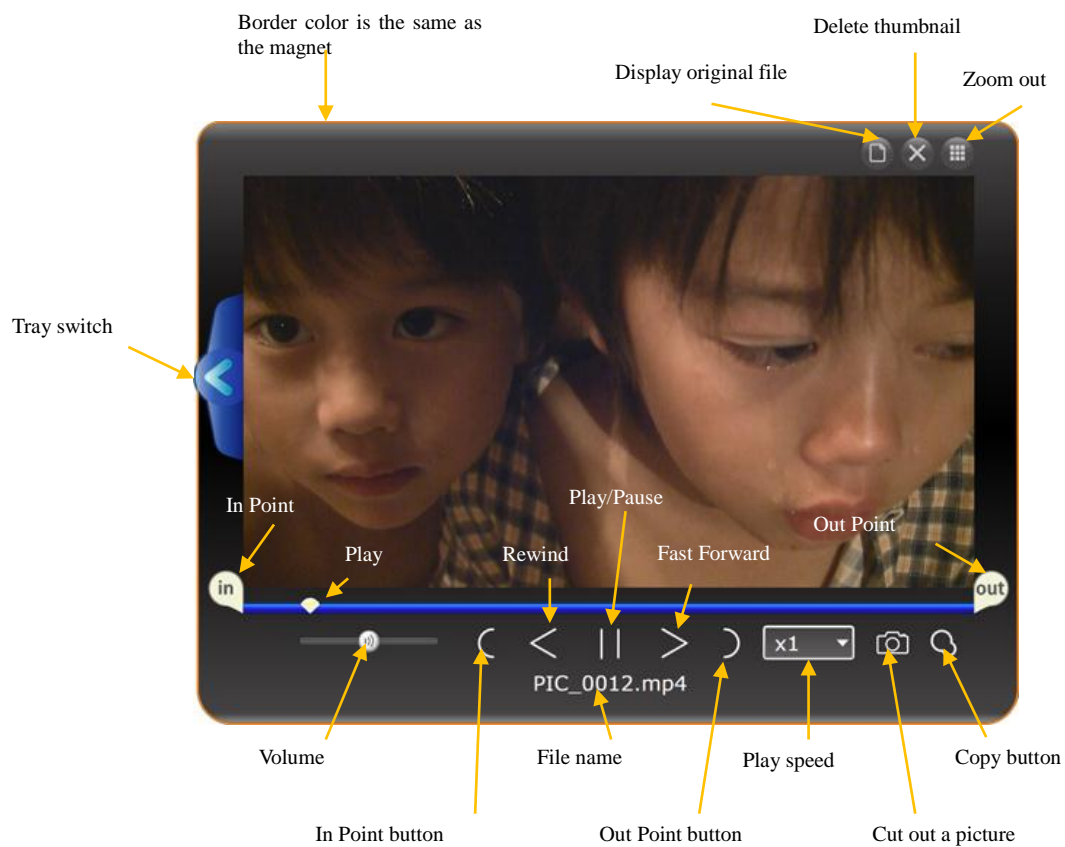
### 4. Select your favorite scene!

#### 4-1 Play and trimming

##### ■ Play a video

To play a thumbnail, place your mouse cursor over the thumbnail (mouse over). The video should start playing. Click the video and the video will zoom to an optimal size and display the editing tools.

##### ■ Button functions



## 4. Select your favorite scene!

### ■ Trimming videos and music

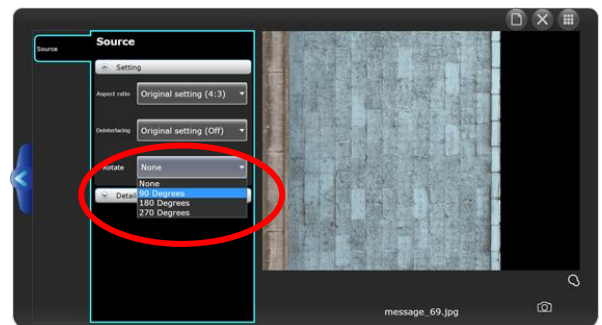
Editing thumbnails is simple.

Move the "in" and "out" points to select your favorite scene. If you would like to select multiple scenes from the same file, click the thumbnail copy button, and adjust the "in" and "out" points again.



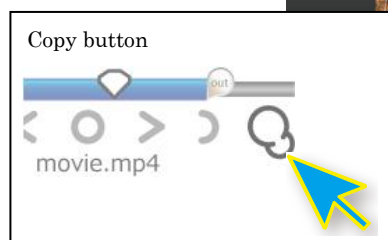
### ■ Rotating pictures

When viewing picture files, you can rotate the picture 90, 180, and 270 degrees from the setting tray if the picture is rotated incorrectly. Select the amount of rotation from the rotate pull down menu displayed in the setting tray to the left of the thumbnail to rotate your picture.



### ■ Copy thumbnails

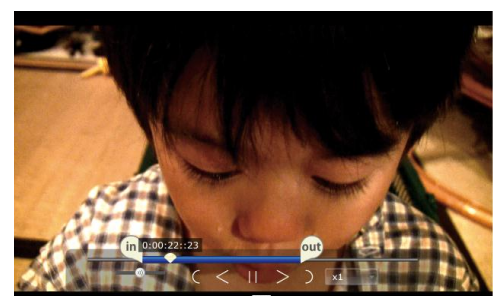
Once you have selected your scene with the "in" and "out" points, click the thumbnail copy button. In the copied thumbnail, the "in" and "out" points will be saved.



## 4-2 Play on a big screen

### ■ Play on full screen

Double click the play screen of the thumbnails to view the video in full screen. You can edit the video while in full screen by bringing the mouse cursor to the bottom of the screen to display the editing tools. You can disable full screen by double clicking again.

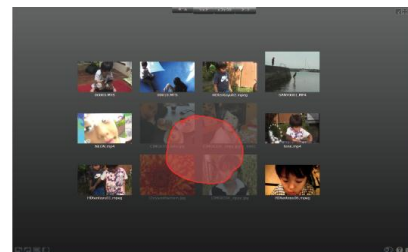
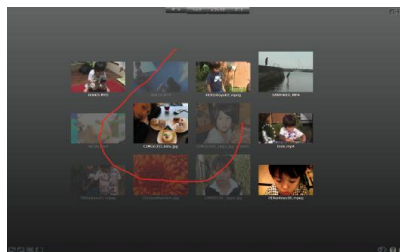


## 4. Select your favorite scene!

### 4-3 Line up thumbnails

#### ■ Select multiple thumbnails

You can select multiple thumbnails displayed on the screen. You can do this by clicking the multiple selection button at the bottom left of the screen or right clicking the mouse to display a red line. Use the red line to draw over or surround the thumbnails you wish to select. You can use this to send multiple files to a timeline or magnet.

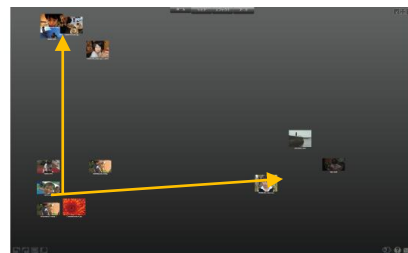
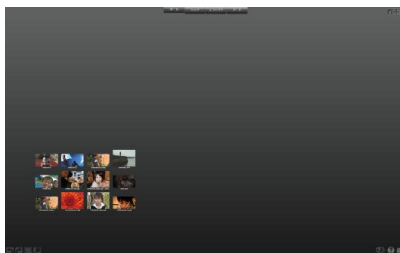


You can select multiple thumbnails by clicking the multiple selection button or right clicking the mouse to display a red line to draw over or surround the thumbnails you wish to select. The selected thumbnails will be translucent.



#### ■ Throw thumbnails

Throw thumbnails on the screen to organize your desktop like organizing documents on a table. Drag and release the thumbnail, and the thumbnail will glide over the screen. You can use this to separate your video files from your picture files.



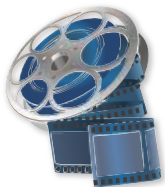


## 5. Create a video using your favorite scenes!

### 5. Create a video using your favorite scenes!

#### 5-1 Timeline

##### ■ What is a timeline?



##### Create a base for your project by connecting videos, pictures, and music

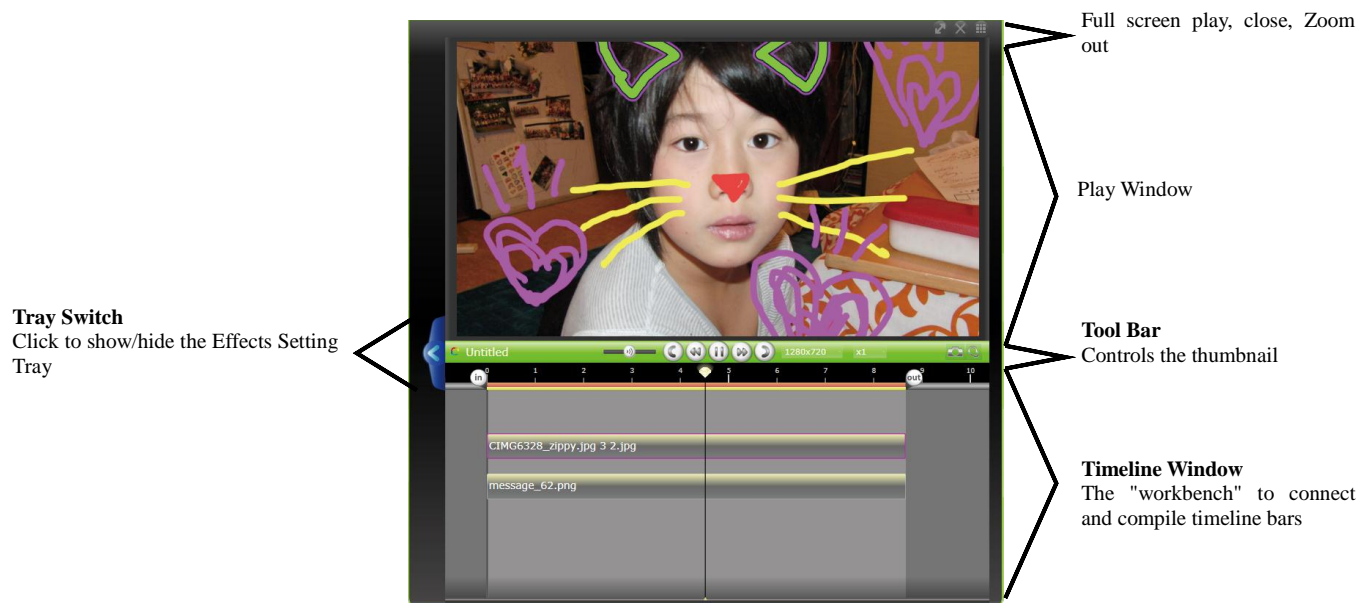
You can create a timeline by clicking on the timeline icon in the Home menu.

The timeline is a "workbench" for you to connect or compile thumbnails.

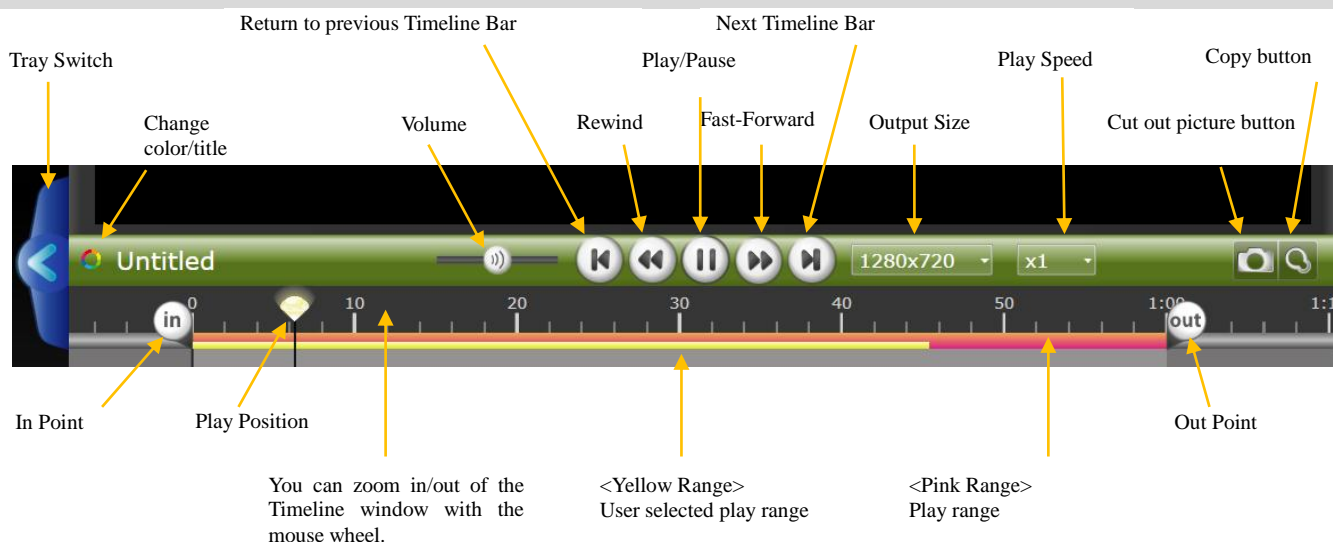
If you drag and drop a thumbnail in to the timeline window, it will be displayed as a timeline bar. The length of the bar is determined by the length of the video.

The bars at the top of the timeline window will be displayed in the front of the Play window.

##### ■ Names of each part



##### ■ Button functions



5. Create a video using your favorite scenes!

■ Timeline play range

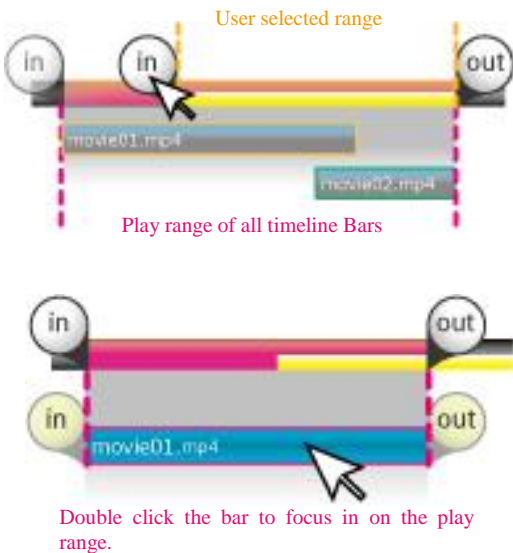
You can adjust the play range in the timeline by adjusting the "in" and "out" points.  
The pink bar represents the current play range, and the yellow bar represents the user selected play range. By placing the mouse cursor over the in/out point, you can see what time point it is currently at.  
The video within the pink range will be rendered when uploading or output from the timeline.

■ Select the play range

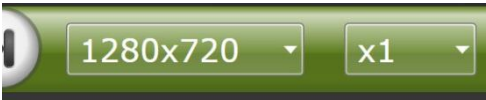
There are 3 ways to select the play range in the timeline

- **File Range**  
Adjust the play range to the timeline bar by double clicking on the timeline bar.
- **User selected range**  
The play range selected by the user by adjusting the "in" and "out" points. You can play the user selected range by clicking on the background of the timeline.
- **Entire Range**  
Double click the background of the timeline to set the range to include all of the files within the timeline.  
When all of the files are displayed, click the background once more to return to the user selected range.

**About the Pink and Yellow ranges**  
The pink range displays the current play range.  
The yellow range displays the user selected play range. By clicking the background, you can return to the user selected play range.



■ Video size



You can select the size of your video from the pull down menu in the timeline tool bar.

SD NTSC	640x480	SD quality, For TVs in Japan and the USA
SD Wide	640x360	SD Wide, For TVs in Japan and the USA
DV NTSC	720x480	Digital movie format for Japan and USA
SD PAL	720x576	SD quality, for TVs in Europe, etc.
SD Wide	768x432	SD Wide, for TVs in Europe, etc.
DV PAL	720x576	Digital movie format for Europe, etc.
YouTube	640x480	YouTube 4:3
YouTube Wide	640x360	YouTube Wide
YouTube HD	1280x720	YouTube HD
OVGA Wide	320x180	1/2 SD Wide
OVGA	320x240	1/2 SD
OXGA	512x384	For video websites
DVD	640x480	Optimum size of DVD
DVD Wide	854x480	Optimum size for wide DVD
HD	1280x720	HD quality (720p)
HD	1920x1080	HD quality (1080p)
Customize		Set the size freely

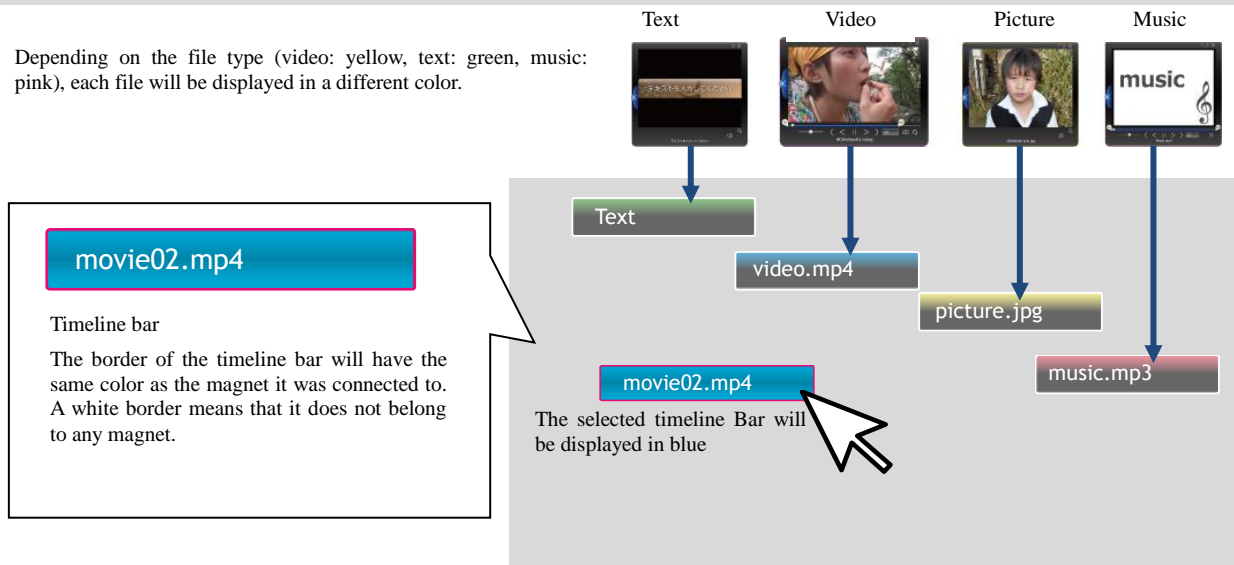


## 5. Create a video using your favorite scenes!

### 5-2 Timeline bar

#### ■ What is a timeline bar?

Depending on the file type (video: yellow, text: green, music: pink), each file will be displayed in a different color.



#### ■ Editing the timeline bar

The "in"/"out" handles will be displayed when the timeline bar is clicked. Move the handled left and right to trim your video.

Freely move the timeline bar by dragging it.

You can move the timeline bar 1 frame by pressing the left or right arrows while holding the Ctrl key.



#### ■ Connecting timeline bars

When you drag and connect a timeline bar to another bar, the bar will notify you by turning yellow. The timeline bar will also turn yellow when adjusting the "in"/"out" points to connect with another timeline bar, edge of the play range, or when the timeline bar is at 0:0:0.



#### ■ Redo timeline bar movement

Press Ctrl+Z to undo a timeline bar movement or click on the Undo button at the bottom left of the screen, and Shift+Ctrl+Z to redo the movement or click the Redo button at the bottom left of the screen.

Caution: Once you remove the bar from the timeline, you cannot use the undo/redo function to undo or redo the bar movement.



## 5. Create a video using your favorite scenes!

### ■ Copy the timeline bar

Click on the copy button after you have selected the timeline bar you want to copy. The copied bar will appear behind the original.



### ■ Splitting the bar with the scissor tool

Pause the video with the timeline bar selected to display the scissor tool. You can split the bar by clicking on the scissor tool.



### ■ Multiple selection (hold)

When you want to select the remaining bars, select the timeline bar on the very left of the selection and hold the left mouse button to select all of the bars to the right. While holding the mouse button, drag the bars within the timeline window to move the bars to the left or right.



### ■ Multiple selection: right click line (touch)

While pressing the right mouse button, select multiple bars with the red line by drawing over them. You can also do this by clicking the Multiple Selection button at the bottom left of the screen.

Multiple Selection button



### ■ Multiple selection: right click line (surround)

While pressing the right mouse button, draw around the files you want to select with the red line. You can also do this by clicking the Multiple Selection button at the bottom left of the screen.

Multiple Selection button



### ■ Quick image editing

Once you select multiple timeline bars, a green handle will appear around the selected timeline bars. By dragging the handle to the left or right, you can extend or contract multiple timeline bars.

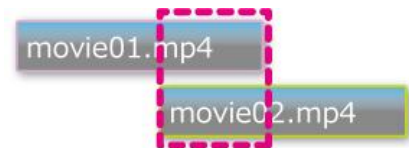


## 5. Create a video using your favorite scenes

### 5-3 Transition settings

#### ■ Automatic transitions

When timeline bars touch or overlap each other in the timeline window, a transition will automatically be set.



Portions of the bar that overlap will automatically set a transition.

#### Automatic transition rules



Cut in  
(Screen changes immediately)

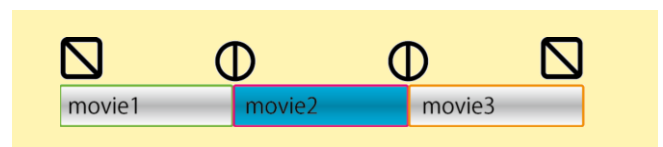


Fade In/Out (slowly interchange) for 20 frames on both ends.

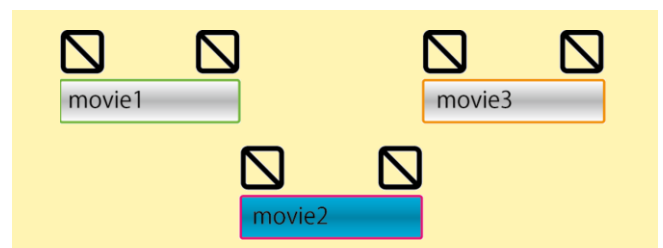


Fade In/Out (slowly interchange) only the parts that overlap.

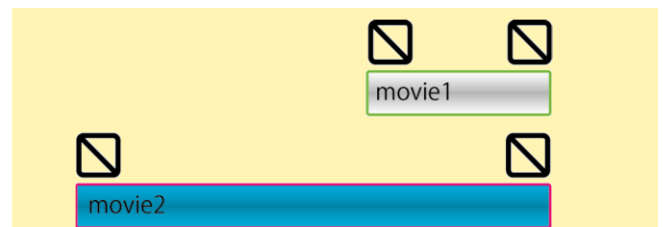
Lined up on the timeline (no overlap)  
The screen will change with a cut in.  
Fade in/out for 20 frames on both ends.



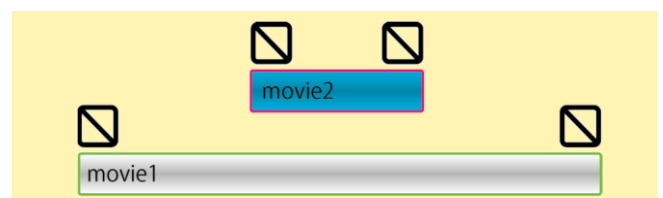
No parts connected  
All videos will fade in/out on both ends.



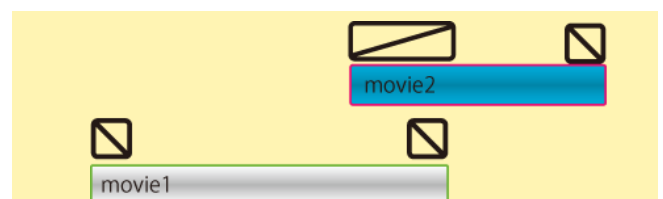
End of the bar is at the same position  
Fade out 20 frames for all videos.



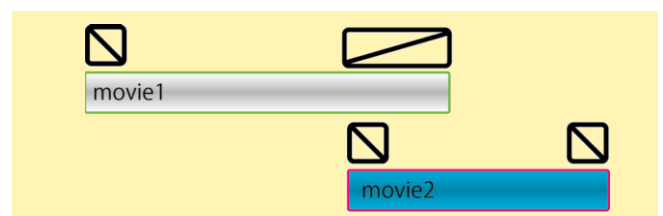
Short bar within a long bar  
Fade in/out for 20 frames. No difference if the top and bottom bar interchange.



Partial overlap Example 1  
The transition will vary depending on the placement of the top and bottom bar. The top bar will fade in for the duration of the overlap of the bar. The bottom bar will fade out for 20 frames.



Partial overlap Example 2  
The top bar will fade out for the duration of the overlap of the bar. The bottom bar will fade in for 20 frames.



## 5. Create a video using your favorite scenes

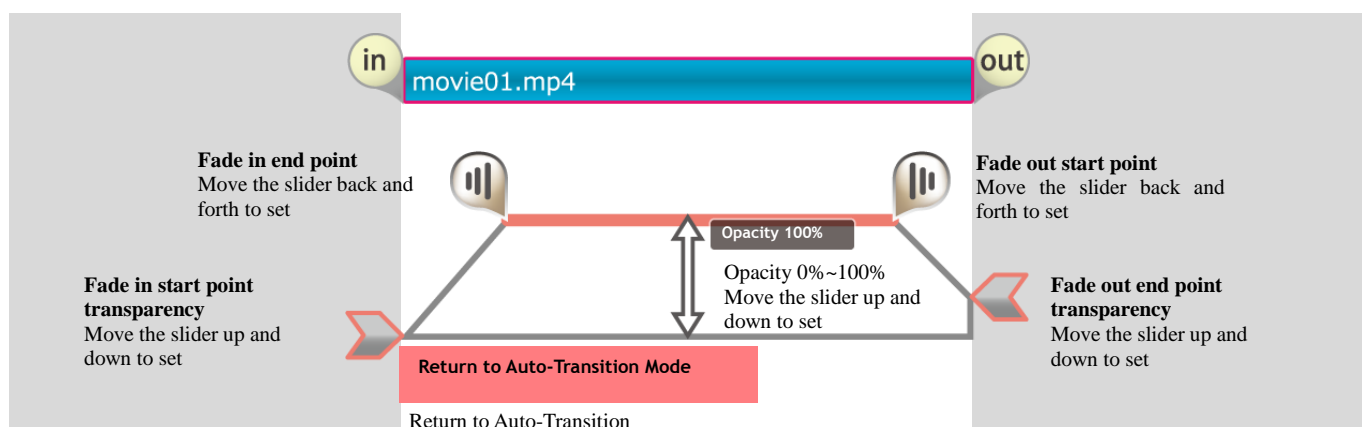
### Manual transition



You can manually adjust the automatic transition. Select the timeline bar and click the "Open Transparency/Transition Control Button" displayed on the bottom right (or top right) of the timeline bar. Click the fade editing button to display the controller.



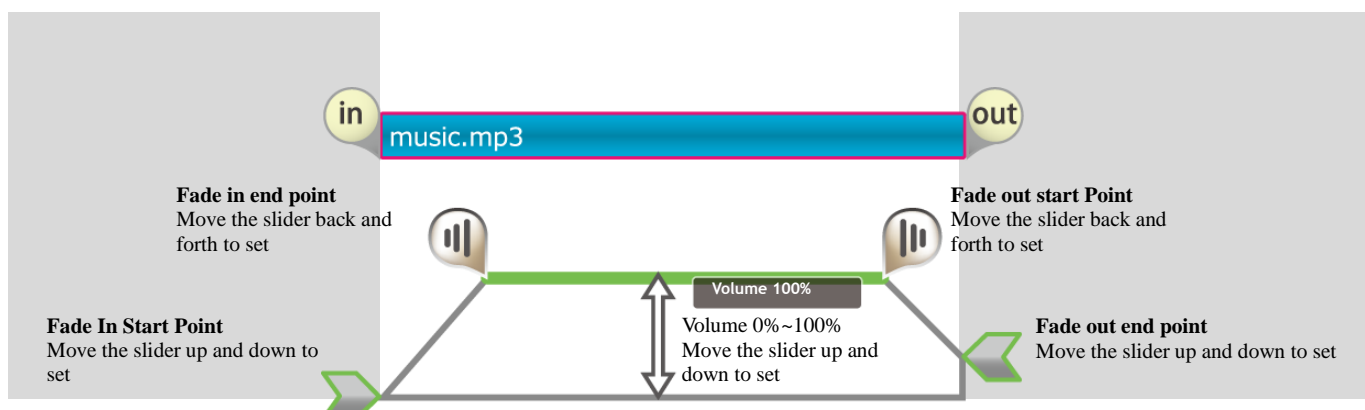
Set the transparency of the fade in start point, fade out end point, transparency of the video, fade out start point, and the transparency of the fade out end point. When you finish with the settings, click the Transition button again, or click on the background to close the controller. Click the "Return to Auto-Transition Mode" to cancel the manual transition settings.



## 5-4 Adjust volume



You can adjust the volume of your video manually. Select the timeline bar and click the "Open fade and volume control panel" button displayed on the bottom right (or top right) of the timeline bar to display the controller. You can adjust the volume settings for the fade in start point volume, fade in end point, volume during play, fade out start point, and the fade out end point. Once you are done with the settings, click the background or the Volume Adjustment button to close the controller.

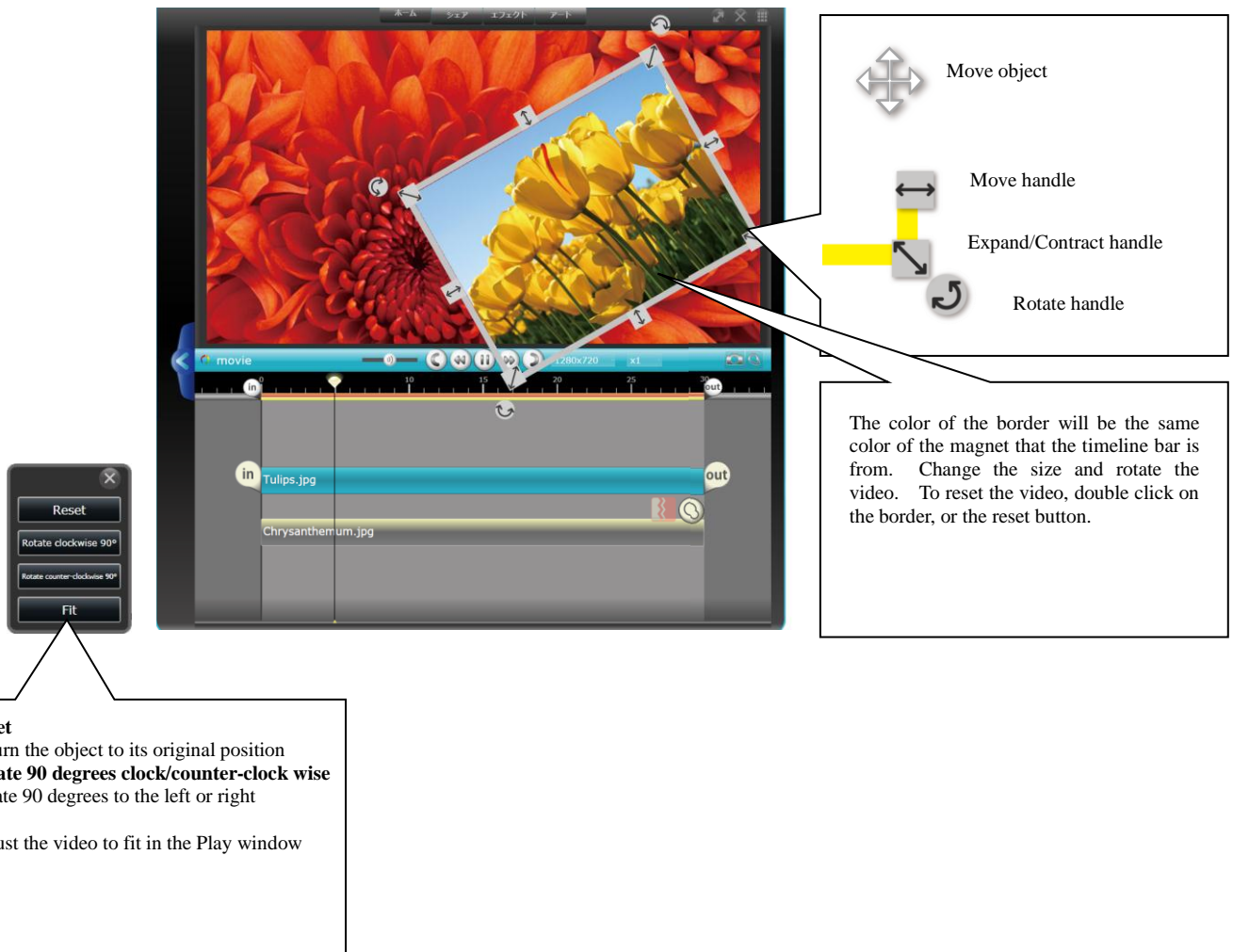


## 5. Create a video using your favorite scenes

### 5-5 Video layout

#### ■ Move and transform your video

You can transform and move videos, pictures in the Play window or by clicking on the timeline bar.



**Reset**  
Return the object to its original position  
**Rotate 90 degrees clock/counter-clock wise**  
Rotate 90 degrees to the left or right  
**Fit**  
Adjust the video to fit in the Play window

**Move object**  
**Move handle**  
**Expand/Contract handle**  
**Rotate handle**

The color of the border will be the same color of the magnet that the timeline bar is from. Change the size and rotate the video. To reset the video, double click on the border, or the reset button.

## 5. Create a video using your favorite scenes

### 5-6 Animate the video shape and position

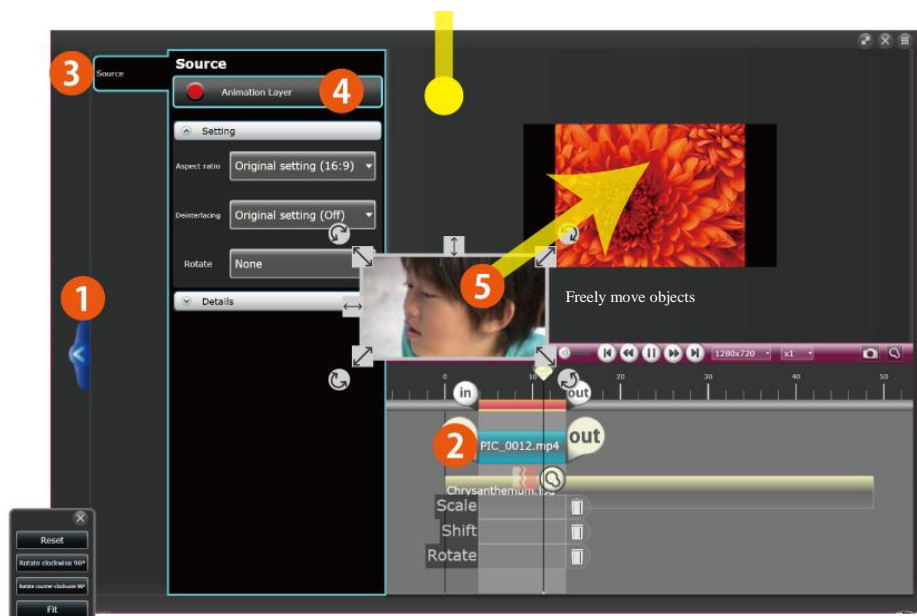
#### ■ Set the animation in the timeline

You can set the animation to move videos, pictures, and text, and the strength of the effect in the timeline. You can set the animation for each object on the timeline.

If you turn the animation button off, the recorded animations will be disabled temporarily.

#### ■ Functions of each part

While recoding an animation, the play window will be minimized. You can place objects outside of the margins.



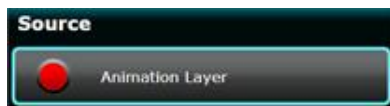
- 1 Click the tray switch to open the effect tray.



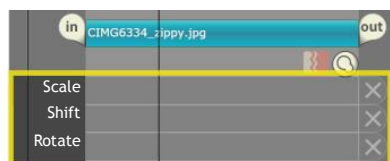
- 2 Select the timeline bar you would like to animate. In the play window, select a starting point for the timeline bar.



- 3 Click the Source tab located on the left.



- 4 Turn on the animation layer button in the effect tray. An animation map for "Scale", "Shift", and "rotate" will appear in the timeline window.



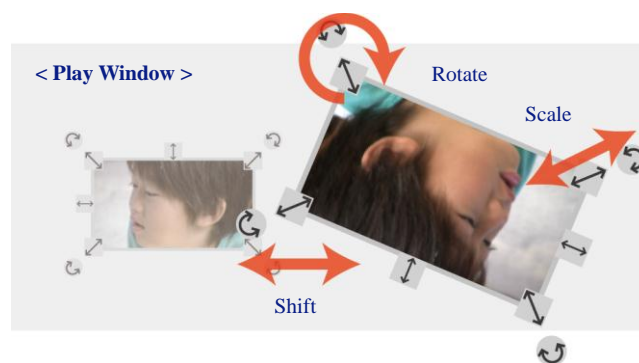
- 5 Move the object in the play window while the video is playing to record a key frame group (blue line) under "Move".



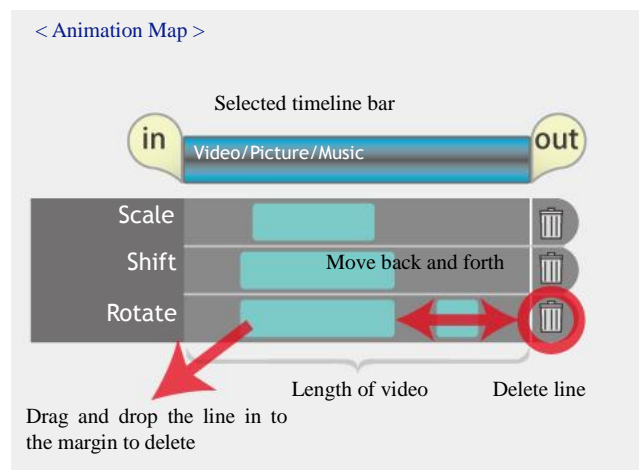
## 5. Create a video using your favorite scenes

### ■ Animation map and Key Frame Groups

By moving the object within the play window, you can record a key frame group within the map.



Depending on the adjustments, you can record key frames for each group.



### ■ Key Frame

You can create smooth animations by using the key frame instead of moving the object by freehand. Select the start and end point of the object, and the animation will be created automatically.

Create smooth animations from the start point to the end point

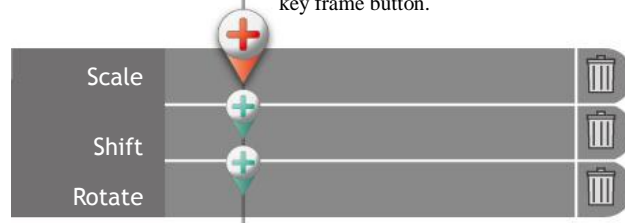


#### < Start Point >

Pause the video and select the necessary key frames. You can create animations for scale, move, and rotate separately. Move the key frame back and forth or drag it into the margin to delete the key frame.

#### <Start Point>

Pause the video, and click the key frame button.



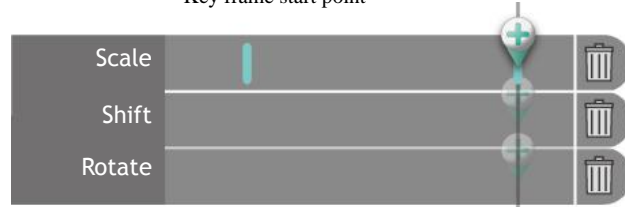
#### < End Point >

Pause the video and select a point in the play window you would like the object to end the animation. You can select the end point from the key frame first.

#### <End Point>

Key frame start point

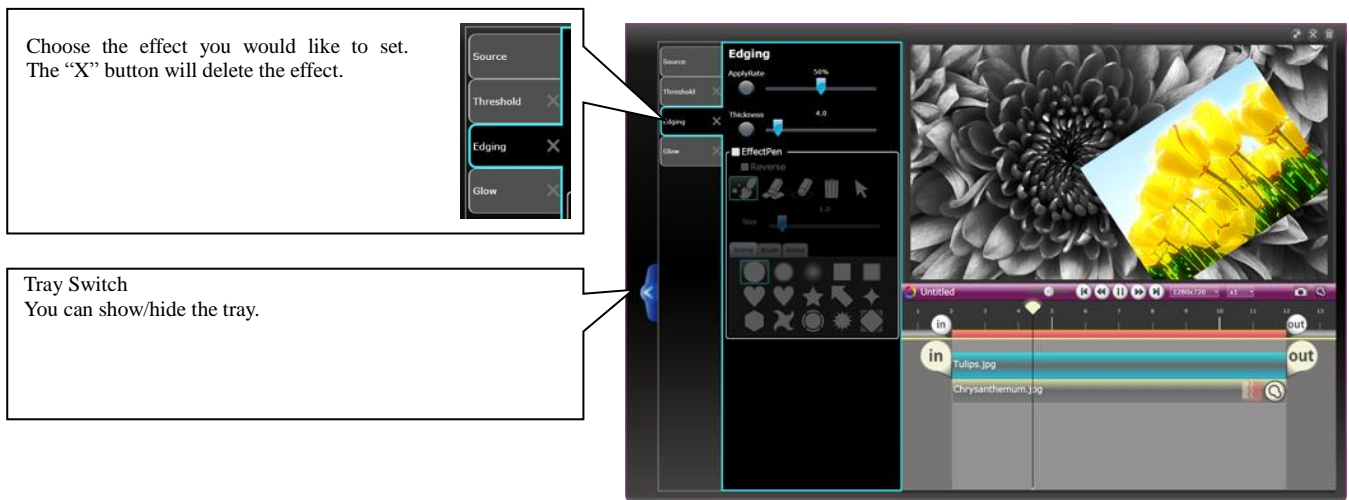
Key frame end point



## 5. Create a video using your favorite scenes

### ■ Set effects in the timeline

You can also add effects while editing the timeline. Select the timeline bar and then select the desired effect from the menu. Once you select an effect, the effect setting tray on the left of the timeline will open. If you select an effect without selecting a timeline bar, the effect will affect the entire timeline. If you set the effect afterwards, click the timeline bar to display the effects for that timeline bar in the effect setting tray on the left. If the timeline bar is not selected, the effects for the whole timeline will be displayed.





## 6. Output videos and pictures!

### 6. Output videos and pictures

#### 6-1 Select an output format

##### ■ Output in various formats

After you have finished editing, you should encode your file and save.

Choose the icon depending on your needs.

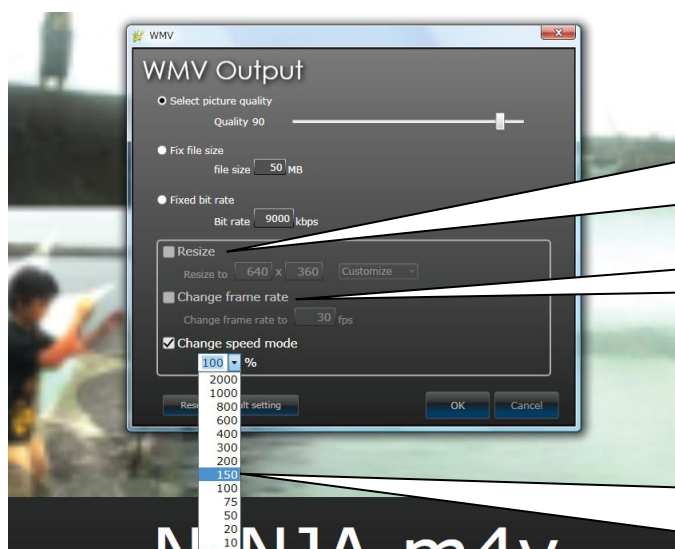
- Watching videos on PC- File Output
- Watching videos off of your camera connected to a TV-Camera Output
- Watching videos on iPod, DVD, or other external device-Device Output
- Share your videos with the world, or save your videos for yourself-YouTube
- Sharing private videos through e-mail-Vimeo
- Sharing videos and photos on Facebook-Facebook

##### ■ Output range

When outputting video from a thumbnail or timeline, the video between the "in" and "out" points will be output. Please make sure you have the correct range selected for output.



##### ■ Changing output size and bit rate



Change the video size from the pull down menu. You can also directly enter the size.

Change the frame rate of the output video.

Select the video play speed between 10% - 2000% from the pull down menu. You can also directly enter the speed.

## 6. Output videos and pictures!

### 6-2 How to output file

#### ■ Output from the media browser

Select the file you would like to output from the media browser. Click the file format you would like to output your video to, and your selected video files will be thrown in to a magnet on the desktop. Adjust the settings for your output format, and click "Ok" to begin output.



#### ■ Output from thumbnail

While the thumbnail on the desktop is selected, choose a format you would like to output your video to from the Share menu.



#### ■ Output from a magnet

While the magnet on the desktop is selected, choose a format you would like to output your videos to from the Share menu.

All your music, video, and picture files attached to the magnet will be output to the selected file format. You can also use this to batch encode multiple videos to a single format.



## 6. Output videos and pictures!

### 6-3 Output file

#### ■ Output format

You can output video files in various formats. You can also adjust the settings for each format like video size and bitrate.



#### WMV

WMV videos are high quality for their file size. This is the basic video file format for Windows.

#### AVI

AVI videos can use different compression methods by installing codecs. You can also output videos without compression, to use with other applications.

#### MPEG2

MPEG2 is a format for DVDs and digital broadcasting. You can create high quality videos compared to WMV and MP4 by setting it at a high bitrate.

#### MP4, F4V, 3GP

Videos are high quality for their file size.

MP4: A very common file format. Can be viewed on iPod and PSP.

F4V: File format for Adobe Flash.

3GP: File format for 3G mobile phones.

#### CUDA MP4

Encode MP4 files quickly using NVIDIA CUDA technology. You can only use this if you have a NVIDIA based GPU.

#### Audio

WAV: Uncompressed audio file format.

AAC: This file format is generally used for portable audio players. The higher the bit rate, the bigger the file size, but your audio quality will increase. (Some portable audio players may not support this file format.)

WMA: File format playable in Windows Media Player. The higher the bit rate, the bigger the file size, but your audio quality will increase.

## 6. Output videos and pictures!

### ■ Output to WMV

WMV videos are high quality for their file size. This is the basic video file format for Windows. Adjust the settings in the dialog window and output.

Select output format

You can adjust the settings for the output file

Select picture quality: Move the slider to adjust the video quality. You can choose the quality of the video between the range of 0 - 100. The larger the number, the bigger the file size, but higher quality.

Fix file size: Fix the file size of the output video.

Fix bit rate: Fix the bit rate of the output video.

Change settings

Resize: Change the size of the output video.

Change frame rate: Change the frame rate of the video.

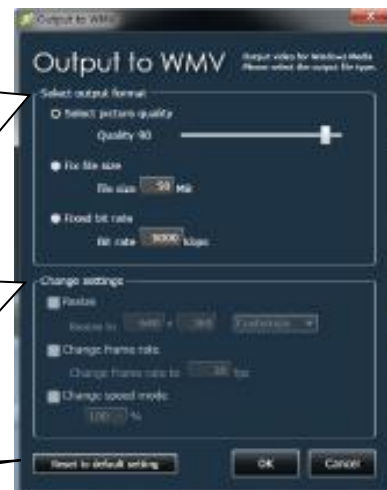
Change speed mode: Change the play speed of the output video.

Reset to default setting

By clicking this button, all the setting will return to their default settings.

(Default setting: Select picture quality: Quality 90)

Reset to default setting



### ■ Output to AVI

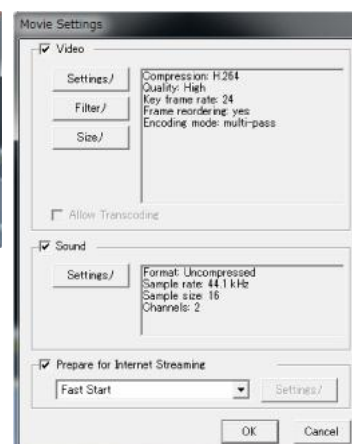
You can select the compression format for the video with the video codec and the audio with the audio code.

You can select the codec from the setting button on the right.



### ■ Output to MOV

You can select the compression format by clicking the settings button for video/sound.



## 6. Output videos and pictures!

### ■ Output to MPEG2

Adjust the video quality by adjusting the bit rate.



### ■ Output to MP4/F4V/3GP

Select the file type from MP4, F4V, and 3GP.

MP4 files can be played on the PC.

F4V files can be used in Adobe Flash.

3GP files can be played on mobile phones.

You can adjust the average bit rate, maximum bit rate, and audio bit rate for each file format.

The default setting is the standard recommended setting.

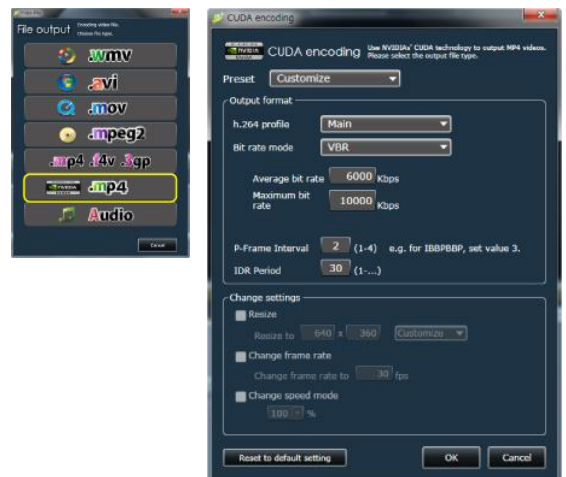


### ■ Output to MP4 using CUDA

CUDA encoding is only available for those who use a CUDA compatible graphics card with a NVIDIA board. By using CUDA encoding, you can decrease output time by 1/3 - 1/10.

But changing the preset setting to customize, you can select the h.264 profile and bit rate.

To use CUDA encoding for iPod, PSP output, click the check box for CUDA encoding.



## 6. Output videos and pictures!

### ■ Output audio file

This will output an audio file. You can use this to output audio from a video, or change the format of an audio file. Choose the file type, and audio bit rate in the dialog window, and click "OK" to output. To choose an output file, please refer to the section on option settings in the Home menu.



#### File format

##### WAV

Uncompressed audio file format.

##### AAC

This file format is generally used for portable audio players. The higher the bit rate, the bigger the file size, but your audio quality will increase. (Some portable audio players may not support this file format.)

##### WMA

File format playable in Windows Media Player. The higher the bit rate, the bigger the file size, but your audio quality will increase.



## 6-4 Output to camera

### ■ Output format



This will output a video file for your video camera.

Select the correct format for your camera, and whether it is NTSC or PAL.

#### DV

This will output a 720x480 DV compressed AVI file playable on DV cameras.

#### HDV

This will output a 1440x1080 MPEG2-TS file playable on HDV cameras. You must have Windows 7 to use this feature.

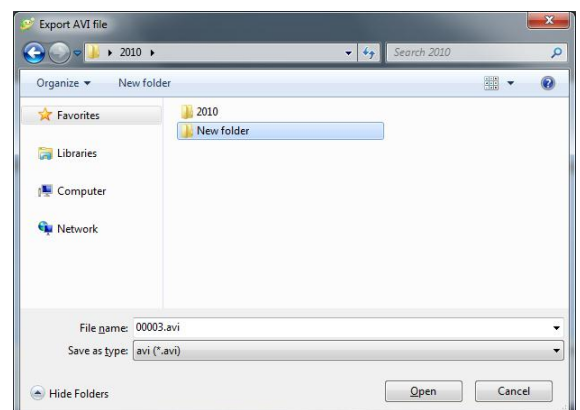
#### AVCHD

This will create a 1920x1080 MTS file for AVCHD cameras.

You can also use this to create HD AVCHD-DVDs.

### ■ Output to DV/HDV/AVCHD format

Select the name and location you would like to save the file on your PC. Use the software provided with your camera to save the file back on to your camera.





## 6. Output videos and pictures!

### 6-5 Output to device

#### ■ Output format



This will output a video file for devices like iPod and mobile phones. Buttons that have a green border around them can use GPU encoding. GPU encoding allows your videos to be output faster than using the CPU alone.



#### DVD

##### Created a DVD video file

Output a DVD video file to your designated save folder.

##### Create a DVD video disk

With the purchase of an upgrade, you can write directly to DVD and BD from Super LoiLoScope.

#### iPod

This will create a file to play on iPod (m4v). Please use iTunes to transfer the file on to your iPod.

#### iPhone

This will create a file to play on iPhone (m4v). Please use iTunes to transfer the file on to your iPhone.

#### Mobile 3G

This will create a file to play on most mobile phones (3GP or 3G2). Please use the correct memory card to transfer the file to your mobile phone.

#### Apple TV

This will create a file to play on Apple TV (m4v).

#### PS3

This will create a file to play on PS3 (mp4). Please use the correct memory card to transfer the file to your PS3.

#### PSP

This will create a file to play on your PSP (mp4) and a thumbnail file (THM). Please use the correct memory card to transfer the file to your PSP.

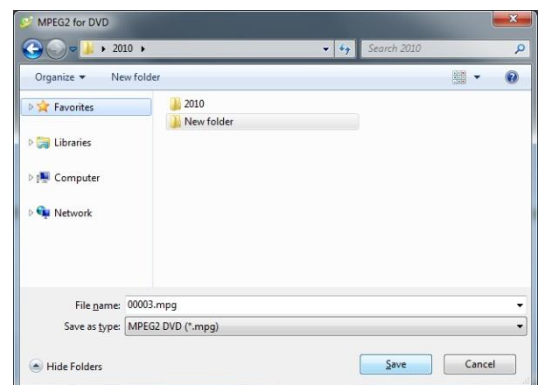
#### ■ Output to DVD

Enter the file name and select a save location on your PC to save the file.

#### DVD

This will create a MPEG2 file for DVD videos. If windows DVD Maker\* is installed on your PC, Windows DVD Maker will automatically run and the MPEG2 file you created will added. If you do not have Windows DVD Maker installed on your computer, the save folder will open. Please use your DVD Video writing software to create a DVD video disk.

\* Windows DVD Make is only available for some Windows Vista editions and Windows 7.



## 6. Output videos and pictures!

### ■ Output to iPod/iPhone/Apple TV

This will create a video for iPod/iPhone/Apple TV. If you have iTunes installed on your PC, iTunes will automatically run and the video will be added to the video list. Please use iTunes to transfer videos to your iPod/iPhone/Apple TV.

\*For information on how to use iPod, iPhone, and iTunes, please contact the manufacturer.

\*iPod, iPhone, and iTunes are registered trademarks of Apple Inc.

### ■ Output to 3G Mobile Phones

Please check with your mobile phone manufacturer to see what video format your mobile phone can play.

Please use the software bundled with your mobile phone or a memory card to transfer the data.

\*Please contact your mobile phone manufacturer on how to use your mobile phone.



### ■ Output to PS3

Choose the quality from high quality, medium, and compact. Use a memory stick or your network to transfer the video and play on your PS3.

\*Please contact the manufacturer on how to use your PS3.



### ■ Output to PSP

Choose the quality from high quality, medium, and compact.

<How save to your PSP>

- 1) Connect your PSP to your PC with a USB cable.
- 2) Copy the video file to the VIDEO folder in the memory stick

\*Please contact the manufacturer on how to use your PSP.





## 6. Output videos and pictures!

### 6-6 Upload your videos to YouTube and share!

#### ■ Log In



#### What is YouTube?

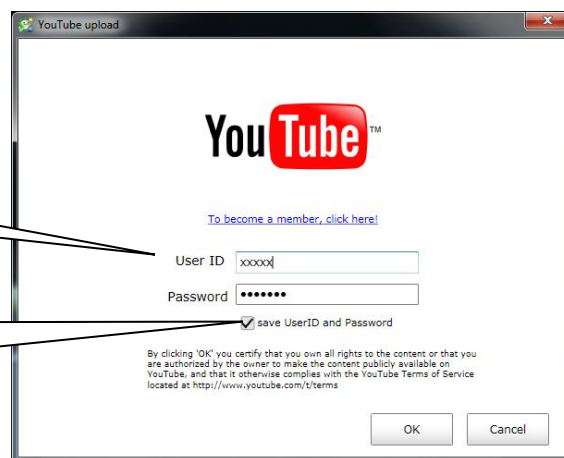
Use YouTube to save your private videos on the Web, or share your videos with the rest of the world. You can easily share your uploaded videos with your friends on Facebook and Twitter. You can even upload HD quality videos for YouTube. If you have a NVIDIA GPU compatible with CUDA, you can speedily encode and upload videos to YouTube.

#### Log In to YouTube

Connect to your YouTube account from Super LoiLoScope by entering in your account information. If you do not have a YouTube ID, register to create an account.

To create an account, click here.

It is not recommended to click this check box if you share a PC with other users.



## 6. Output videos and pictures!

### ■ Upload

#### Enter video information

Once you have connected to your YouTube account, a screen to enter information about your video will appear. You can enter the title, description, tag, and category for your video. Select if you would like to make your video public or private. If your video is set to private, only you can watch the video. You can automatically set your video to be shared on your Facebook News Feed or Tweet on your Twitter.

The screenshot shows the YouTube upload interface. At the top, there's a 'loctlox Logout' link. Below it, the 'Title' field contains 'TrialMovie\_ja', the 'Description' field contains 'My fun video!', and the 'Tag' field contains 'LoiLo LoiLoScopeEX'. The 'Category' is set to a dropdown menu. Below these fields, there are radio buttons for 'Public' (selected) and 'Private'. A section titled 'Tell everyone about your uploaded video.' shows that both 'facebook' and 'twitter' are 'Enabled' with 'Disconnect' links. At the bottom are 'OK' and 'Cancel' buttons. Callouts provide additional instructions: one points to the title/description/tag fields, another to the 'Logout' link, a third to the 'Private' radio button, and a fourth to the 'Disconnect' links.

If you log in to an account that does not belong to you on a shared PC, click here to log out and log in using your account information.

Private video: Only you can watch the video.  
Public video: Anybody can watch the video.

If you do not want to share your video on Facebook and Twitter, click "disconnect".

The screenshot shows the Facebook login page. It has a 'Sign Up' link at the top left. The main heading is 'Facebook Login'. Below it, there are fields for 'Email' and 'Password', a 'Log In' button, and a 'Forgot your password?' link. At the bottom, there are links for 'About', 'Advertising', 'Developers', 'Careers', 'Privacy', and 'Terms & Help'.

#### Share the link on Facebook

To share your video on Facebook, you must be connected to Facebook. Click on "Connect" to display the account screen as seen on the left. Enter your account information and verify Super LoiLoScope to enable automatic sharing with Facebook. If you would like to upload videos directly to Facebook, please view the Facebook page.

The screenshot shows a Twitter connection dialog. It has a 'Deny' button and an 'Allow' button. The text says: 'An application would like to connect to your account. The application LoiLo by would like the ability to access and update your data on Twitter. Not using Twitter? Sign up and Join the Conversation!'. On the right, there's a privacy notice: 'Twitter takes your privacy very seriously. Please ensure that you trust this website with your information before proceeding. By clicking "Allow" you continue to operate under Twitter's Terms of Service. You may revoke access to this application at any time by visiting your Settings page.'

#### Share the link on Twitter

To tweet videos, you must be connected to Twitter. Click on "Connect" to display the account screen as seen on the left. Enter your account information and verify Super LoiLoScope, to enable automatic tweeting of your YouTube video after it has finished uploading.

## 6. Output videos and pictures!

### 6-7 Share videos by E-mail with Vimeo

#### ■ Log In



#### What is Vimeo?

Vimeo is a video sharing service where you can upload high quality videos, protect them with a password, and share them with only the people you want to share it with. The link of the uploaded video will be included and sent with your message.

\*This service is only available in English.

Vimeo may change the content of their service without notice.

#### Log in to Vimeo

Please log in to Vimeo. Click the "Log In" button even if you do not have a Vimeo account. You can create one in the next screen.



If you have a Vimeo account, enter your account information.

If you do not have a Vimeo account, click the "Join Vimeo" link at the Log In screen to create an account.

A screenshot of the Vimeo login form. It has fields for "Email" and "Password", a "Log In" button, and a "Forgot your password?" link. There is also a "Connect" button with a Facebook logo.

#### Vimeo Registration

You can choose from two different account types that Vimeo offers. The Basic account is a free account with a 500 MB upload limit per week. The Plus account requires a subscriber fee, but allows you to upload up to 5GB per week.

After you have chosen your account type, enter in your name, e-mail address, and account password. Please read the Terms and Agreements of Vimeo before you click the check box.



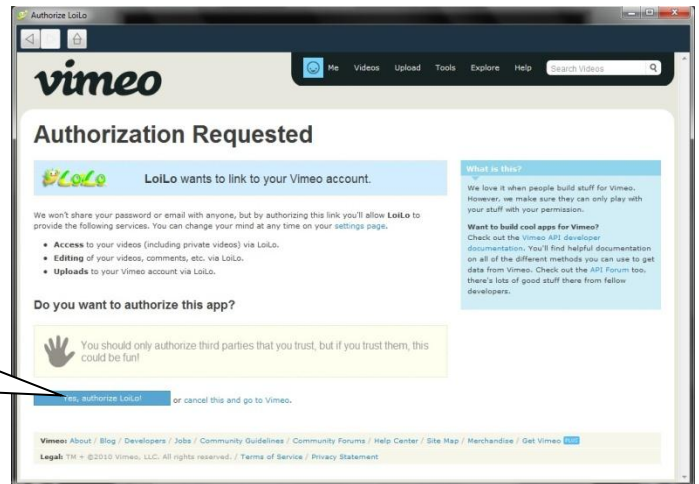
## 6. Output videos and pictures!

### ■ Upload

#### Verify Super LoiLoScope

Once you have logged in to Vimeo, an authorization screen will be displayed. On this screen you will allow Super LoiLoScope and Vimeo to be linked. Click the blue button at the bottom left of the screen to authorize Super LoiLoScope.

Click this blue button to authorize Super LoiLoScope to upload videos to Vimeo.



#### Enter video information

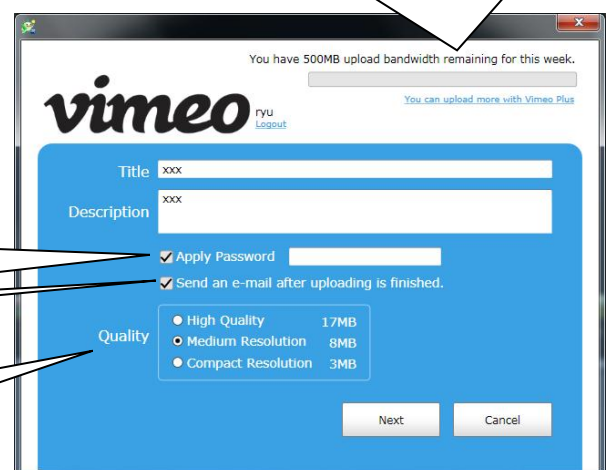
First, enter the title of your video. If you would like to protect your video with a password, click on the check box next to "Apply Password", and enter a password. If you would like to send your video link to your friends and family after it has uploaded, click on the check box next to "Send an e-mail after uploading is finished". Select a video quality, and click "Next".

You can see how much you can upload this week, here

If you want to place a password on your video, click the check box and enter the password.

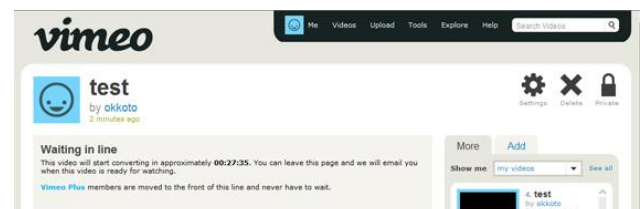
If you would like to send an e-mail to your friends and family after the video has uploaded, click the check box.

Select the video quality. Please make sure you have enough upload space when selecting a video quality.



#### If "Waiting in line" is displayed after you upload your video

Even after your video has been uploaded to Vimeo, the "Waiting in line" message means that your video is still being processed on the Vimeo website. You can watch the video after the website has finished processing your video.



## 6. Output videos and pictures!

### ■ Sending E-mail

If you have selected "Send an e-mail after uploading is finished", the message screen will be displayed. Enter your name, the recipients' e-mail address, and message.

Enter your name here.

Enter the recipients' e-mail address here. By separating each e-mail address with a comma, you can enter in multiple e-mail addresses.

Enter your message here.

The screenshot shows a web browser window with the Vimeo logo and the title "Send a message". Below the title is a sub-header: "After the video has been uploaded to Vimeo, LoLoScope will send the URL by e-mail to the desired recipient." The form has three main input fields: "Your name" (containing "xxx"), "recipient e-mail address" (containing "xxx@xxx.com"), and "message" (containing "xxx"). To the right of the "recipient e-mail address" field is a section titled "Recently used e-mail addresses" which also lists "xxx@xxx.com". At the bottom right of the form are two buttons: "Confirm" and "Back".

Once you have finished entering your message, a confirmation screen will appear. Check your name, recipients' e-mail address, and message and then click "Send" to share your videos with your friends and family.

The screenshot shows a web browser window with the Vimeo logo and the title "Please confirm the contents of the message." Below the title is a sub-header: "The following will be sent as a message. Is this ok?". The form displays a preview of the message content in a table-like structure. The "Subject" is "xxx has sent you a video message." and the "recipient" is "xxx@xxx.com". The "message" field contains the following text: "xxx", "http://vimeo.com/212427104/", "--", "This message has been sent by LoLo Inc.", "LoLo is a company that creates high speed video editing software.", "Details can be found at http://loilo.tv", "Vimeo is a high quality video sharing site.", and "Details can be found at http://vimeo.com". At the bottom right of the form are two buttons: "Send" and "Back".

## 6. Output videos and pictures!

### 6-8 Upload videos to Facebook

#### ■ Log In



##### What is Facebook?

Facebook is a simple SNS to share information with your friends. You can directly upload pictures and videos to Facebook from Super LoiLoScope.

##### What is a SNS?

A Social Networking Service (SNS) is a service to create communities on the internet.

##### Log In

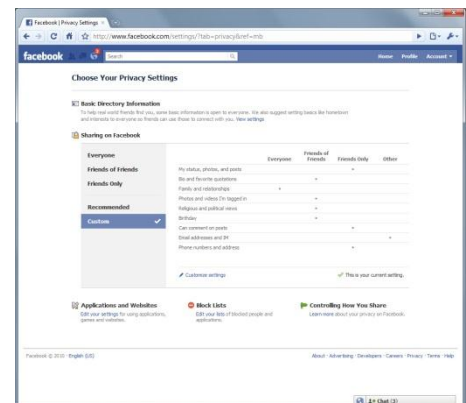
Click the Facebook icon and log in. If you have a Facebook account, enter in your account information and log in. If you do not have an account, please create one.

If you already have a Facebook account, click here. If you would like to create an account, please click "To become a member, click here".



##### Information about privacy settings

The default privacy setting for Facebook is set so anyone can view your profile. To change this, go to "Account", "Privacy Settings", and then "Customize settings". If you would like to share your profile with your friends only, click "Friends only". This will affect every part of your Facebook profile.



## 6. Output videos and pictures!

### ■ Upload pictures to Facebook

You can directly upload pictures to Facebook from Super LoiLoScope. You can upload a single picture from the desktop or multiple pictures from the media browser or magnet. You can even upload video and pictures together from a magnet.

Once you have finished logging in, you can upload pictures. If you would like to add pictures to an existing album, select the album from the pull down menu. If you would to create a new album for your pictures, enter in the name of the album, place, and description.

Select an existing album to add your pictures to.

You can create a new album to upload your pictures to.



### ■ Upload videos to Facebook

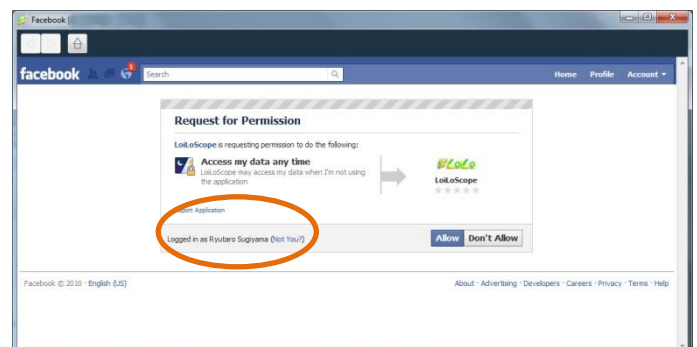
Enter the title and description of your video and upload. Videos that go over Facebook's upload limit will automatically be split and uploaded.



### ■ Log In to Facebook with a different account

To log in to Facebook with a different account:

1. Click the "Log out" button
2. Click the "Log In" button and from the "Authorization" screen, click on "Log in with a different account"
3. Enter in the account information and log in





## 6. Output videos and pictures!

### 6-9 Using NVIDIA CUDA to output video up to 10x faster.

#### ■ How to use CUDA



You can output videos quickly with a NVIDIA graphics card compatible with CUDA.

**CUDA compatible graphics cards**

[http://www.nvidia.com/object/cuda\\_gpus.html](http://www.nvidia.com/object/cuda_gpus.html)

#### **Setting**

Please use the most recent graphics drivers. Please see our website on how to update your drivers.

[http://loilo.tv/us/product/video\\_edit/1/desc/107](http://loilo.tv/us/product/video_edit/1/desc/107)

Super LoiLoScope will see if your system can use CUDA at start up. If you can use CUDA, the below output options will be made available.

#### ■ Output to MP4 using CUDA

You can quickly encode a MP4 file using CUDA. You can adjust the settings for the MP4 created using CUDA.

\*For more information, please see 6-3 "Output to MP4 using CUDA".

#### ■ Output YouTube videos using CUDA

You can quickly create and upload a MP4 for YouTube HD using CUDA.

#### ■ Output for devices using CUDA

From bottom left of the device output screen, click the check box for "Use CUDA encoding".

CUDA encoding can be used for the buttons with the green borders.



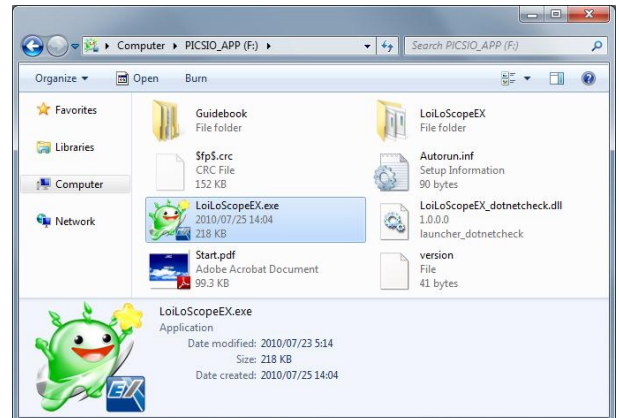


## 6. Output videos and pictures!

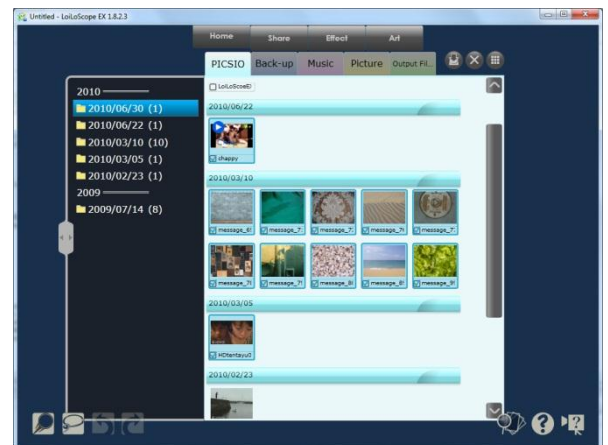
### 6-10 Burn pictures from your camera to a CD/DVD

#### ■ For Windows 7, Vista

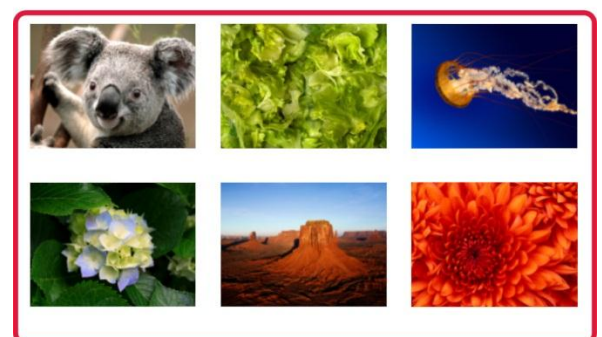
Connect your camera to your PC and run Super LoiLoScope.



From the camera tab, select the pictures you want to burn to CD/DVD.



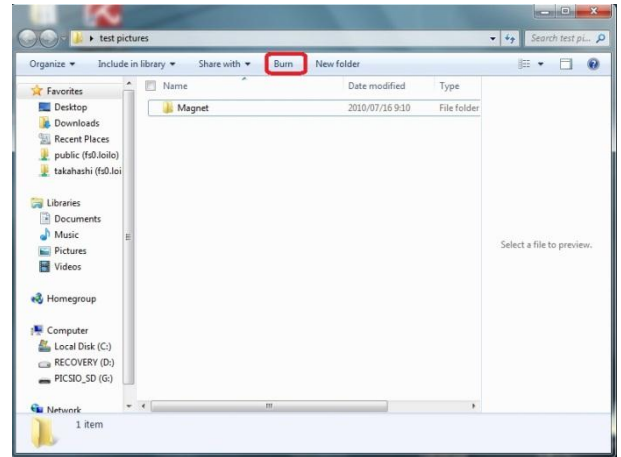
Drag and drop the selected pictures to the desktop. They will be attached a magnet like the picture on the right. Click the "Collection" button circled in red in the picture on the right, to gather all the pictures in to a single folder.



## 6. Output videos and pictures!

Insert a blank CD/DVD in to your PC's optical drive.

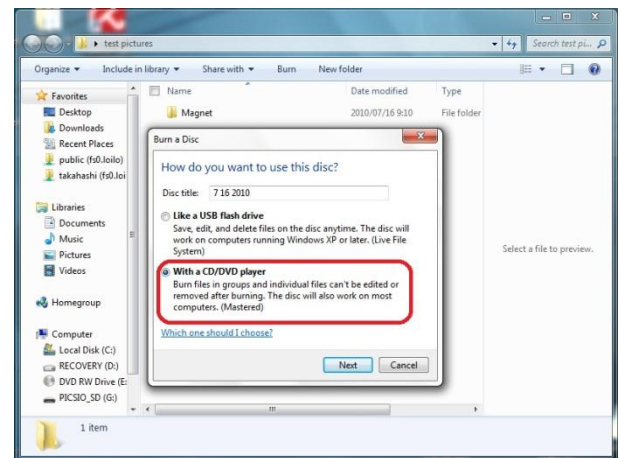
Open the folder where you have collected all of your pictures and click "Burn" in the tool bar at the top of the folder.



From the burning options, select "Master"

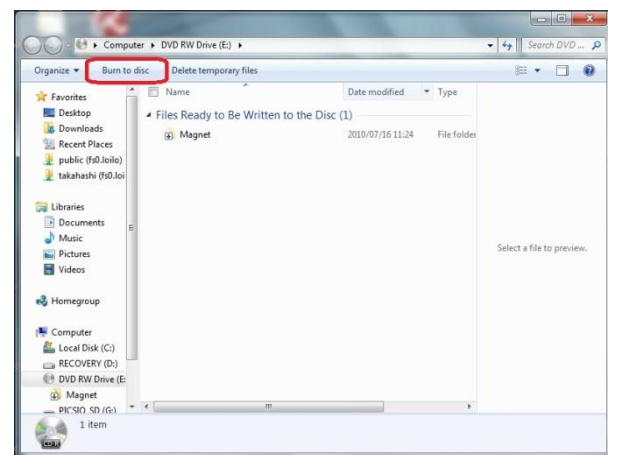
By selecting "Master" the data can be viewed on any operating system.

Click "Next".



Once your files have been prepared to be written to your disc, a disk writing window will open and display the files that have been prepared to be written to your disc. You can delete or add files.

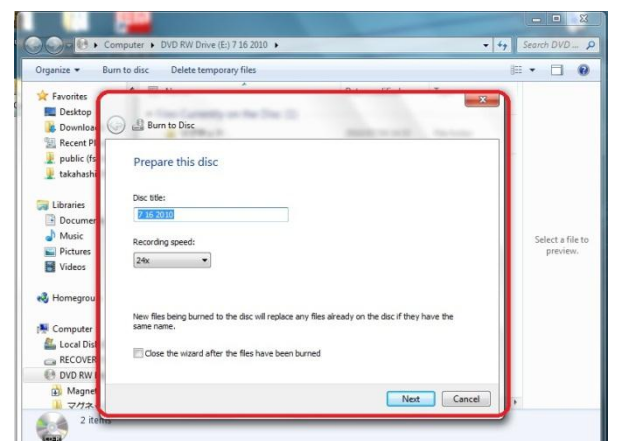
Once you have all the files to be written, click "Burn to disc" from the top and the "Disk writing wizard" will be displayed. Follow the onscreen instructions to finish burning your disc.



Caution: Please avoid doing other tasks while writing to the disc.

You can give the disc a title, but it is not required.

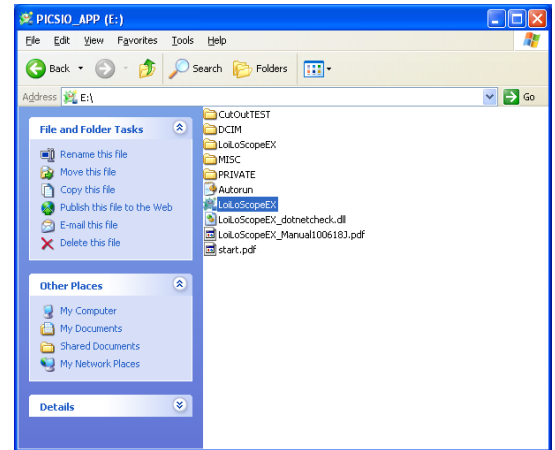
**Even if you have followed the above directions, due to bad discs or compatibility with the disc and your optical drive, writing to the CD/DVD may fail. This section in the manual does not guarantee that you will be able to burn pictures to CD/DVD using the steps above.**



## 6. Output videos and pictures!

### ■ For Windows XP

Connect your camera to your PC and run Super LoiLoScope.



From the camera tab, select the pictures you want to burn to CD/DVD.



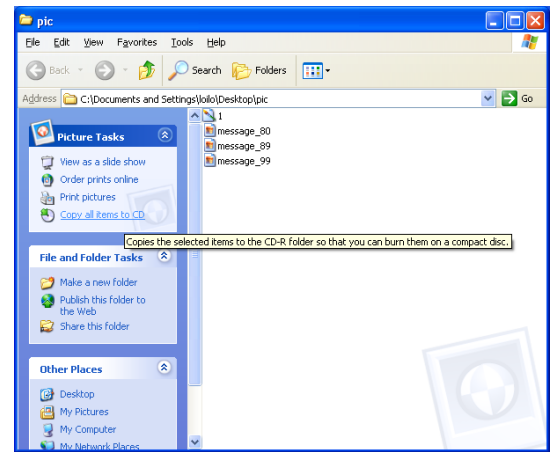
Drag and drop the selected pictures to the desktop. They will be attached a magnet like the picture on the right. Click the "Collection" button circled in red in the picture on the right, to gather all the pictures in to a single folder.



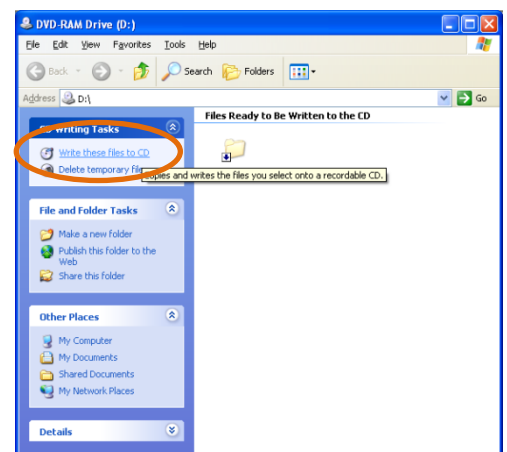
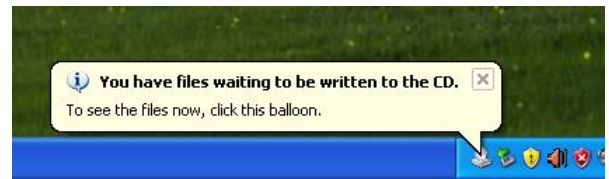
## 6. Output videos and pictures!

Insert a blank CD/DVD in to your optical drive.

Open the folder where you have collected all of your pictures and click "Copy all items to CD".



Once the files have been prepared to be written to your disc, a balloon will pop up at the bottom right of the screen. Click on the balloon to view the files that have been prepared to be written to your disc. You can add or remove files to this window. Once you have gathered all the files to be written to the disc, click the "Write these files to CD" on the left. The "CD writing" wizard will be displayed. Follow the onscreen instructions to finish burning your disc.



Caution: Please avoid doing other tasks while writing to the disc.

You can give the disc a title, but it is not required.

**Even if you have followed the above directions, due to bad discs or compatibility with the disc and your optical drive, writing to the CD/DVD may fail. This section in the manual does not guarantee that you will be able to burn pictures to CD/DVD using the steps above.**

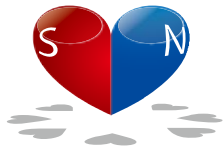


## 7. Organize your files!

### 7. Organize your files!

#### 7-1 Collect and organize your thumbnails!

##### ■ What is a magnet?



A magnet is an organizational tool to gather and group your thumbnails.

You can throw your thumbnails to the magnet to separate your files, and change the order of your thumbnails and select your favorite scenes.

If you drag the magnet close to a thumbnail, the thumbnail will stick to the magnet and you can keep your desktop clean and organized. You can adjust the color, name, and the length of the magnet. If you shorten the magnet to the minimum length, the magnet will hide the thumbnails. Double click or drag the star icon to restore the size of the magnet.

##### ■ Functions of each part



###### Slideshow

This will play the videos attached to the magnet in full screen



###### Delete

Delete the magnet



###### Collector Magnet

You can gather the thumbnails attached to the magnet to a folder



###### Zoom out

Zoom out and deselect the magnet by clicking this button while the magnet is selected



###### Copy

Copy the magnet and thumbnails



###### Color Changer

Click and change the color using the color circle



# Magnet

###### Change the Name

Double click the text to change the name of the magnet

## 7. Organize your files!

### ■ Collect files with the Collector Magnet



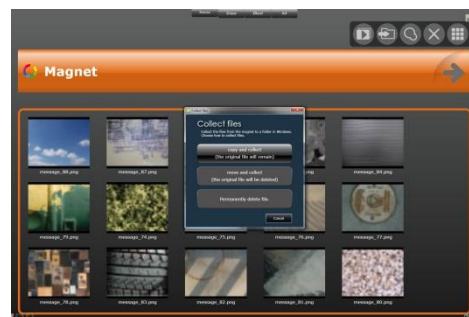
#### Collect files

If you click the folder icon on the top right of the magnet, you can gather all of the files attached to the magnet to a single folder. Select "Copy" (the original file will not be altered) or "Move" (The original file will be deleted and moved) and designate a folder to save to.

#### Delete File

"Permanently delete file" will delete the data off of your PC. This action cannot be undone.

Select copy or move to save the thumbnails to a designated folder.



### ■ Manual slideshow

Press the left and right arrow keys to move to the next/previous thumbnail while playing thumbnails attached to the magnet.

You can jump through thumbnails attached to the same magnet like a playlist. You can easily create a playlist by re-arranging the thumbnails.

You can use the left and right arrow keys to move to the next/previous thumbnail in full screen mode.



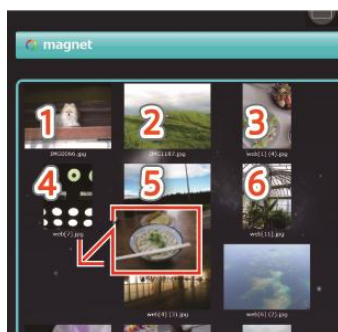
Use the arrow keys to move to the next/previous thumbnail

### ■ Automatic slideshow



This will play you playlist in full screen.

Double click the magnet or click the Slideshow icon above the magnet to play and edit the thumbnails in full screen. Click on the auto-play button to play all of the thumbnails collected to the magnet.



The slideshow will start with the thumbnail at the top left. You can freely change the order of the thumbnails.



The videos on the magnet will be played on repeat



## 7. Organize your files!

### ■ Trash can magnet: Remove files

The Trash can magnet can be used to gather unwanted thumbnails and delete them. Click on the trash can icon to delete Thumbnails from the Super LoiLoScope desktop. Deleting files from the Trash can magnet does not delete the original file, but only deletes the file from the project, and the original file is unaffected.



Click the trash can icon to delete Thumbnails

## 7-2 Organize using shortcuts

### ■ How to use shortcuts

Right click a thumbnail or timeline bar and the magnets, trash can, and timeline will be displayed as shortcut icons. Drag the mouse over to where you want to send the file.

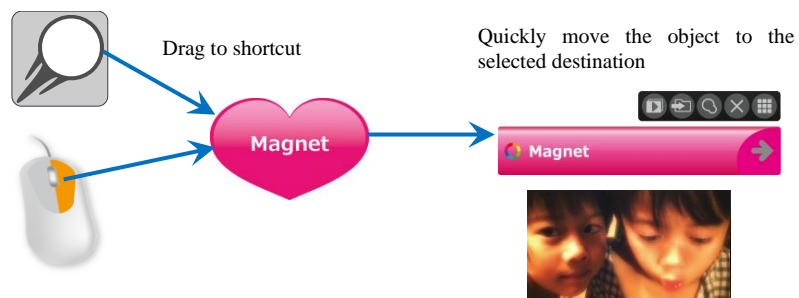


<Method>

- Click the Shortcut button

or

- Right click the object



#### Objects that can be moved with the Shortcut



Files from the media browser



Thumbnails



Magnets



Timeline bar

#### List of shortcut icons



Magnet



Timeline



Trash can

## 8. Enter text!

### 8. Enter text!

#### 8-1 How to enter text

##### ■ Type of text



In the Art menu, there are options for adding text only; "Text", and text with a background; "Text Frame".

By clicking on the "Text" or "Text Frame" button, a Text thumbnail will be created on the desktop.

##### ■ Enter text



To enter text, click on the "enter text here" and enter your text.

##### ■ Compile videos and text in the timeline

###### Add text

While editing on the timeline, click on the text in the Art menu to create a 10 second text timeline bar at the current position of the seek bar. Place the text bar at the top of the timeline, to display it in front of your video.

You can also place your text thumbnail from the desktop to your timeline to get the same effect.

###### Change the position of your text

By clicking the text timeline bar or the text within the timeline window, you can display the scale, rotate, and move controllers. Use these controllers to position your text anywhere you like.



Combine text frames and videos on the timeline to create fun videos.



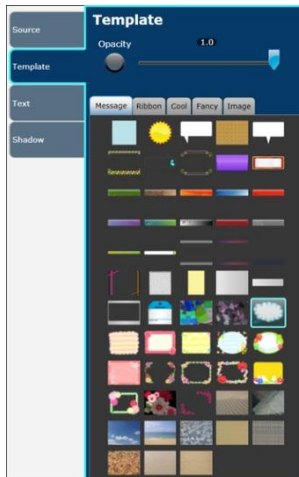
## 8. Enter text!

### 8-2 Change the settings for your text

#### ■ Text setting tray

Select the category you would like to set from the Background/Text/Shadow tabs on the left of the setting tray. You can set the text size, text color, shadow position, shadow color, and background (only for Text Frame).

#### ■ Background settings



##### Select a background

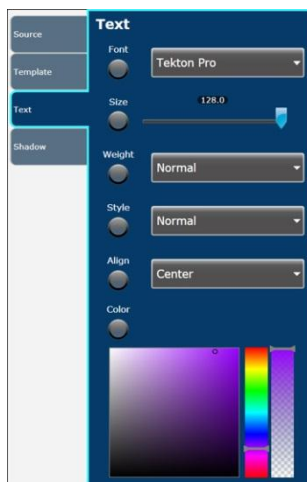
Set the Background design and transparency of the Text Frame.

You can select a design for your text frame from the "Message", "List", "Cool", and "Image" categories. Mouse over the image in the setting tray to view a preview in the play window and then click to apply your desired design.

##### Flip the Background Image

You can flick the background image by clicking on the image you want to flip.

#### ■ Text settings

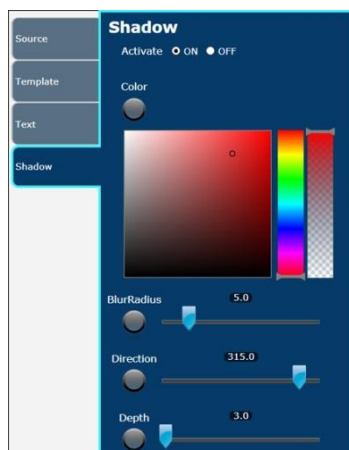


You can set the font, size, thickness, position, and color of your text.

Pick the color for your text using the multi-colored bar. Use the color picker on the left to choose the shade, and the bar on the right to choose transparency.



#### ■ Shadow settings



You can set the shadow of your text with the On/Off button.

If you turn the shadow "On" you can set the color, blur, direction, and length of the shadow.

## 9. Create fun videos with effects!

### 9. Create fun videos with effects!

#### 9-1 Deco-Pen

##### ■ How to use the Deco-Pen



##### Deco-Pen

Using the Deco-Pen, you can add hand written messages and illustrations to your videos and pictures. Select a thumbnail or timeline bar and click Deco-Pen from the effect menu. Select the pen tool from the Setting Tray. Click the play window and start recording. When the video begins to play, freely write or draw on the video.



Use the Pen Tool to draw illustrations and messages on your video.

- Draw while the video is playing, and the lines you drew will be displayed the way you drew it.
- Draw while the video is paused for the lines to show up immediately.

When the video has finished playing, it will be paused. If you would like to keep drawing, click on the screen to continue.

Other tools you can use with the Deco-Pen are the animation eraser, which makes the image you drew disappear. You can also easily set the object you drew to move about on the screen. For more information, please see the section on Deco-Pen tools.

##### ■ Use slow mode to write



You can make it easier to write by slowing down the play speed of the video. Click on slow (x0.5) or super slow (x0.2) to slow down the play speed of the video. You can also adjust the play speed from the Play Speed pull down menu.

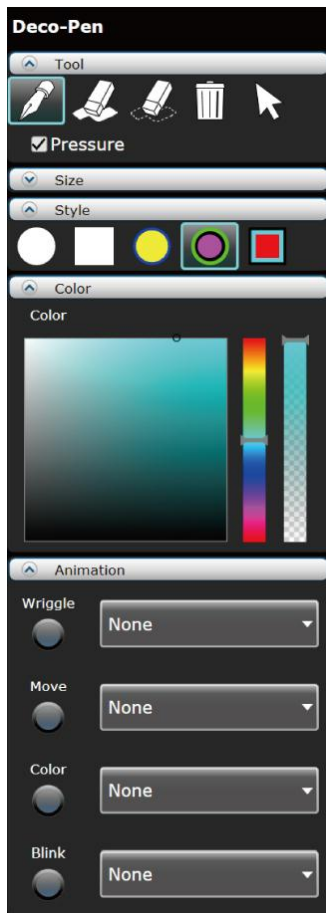
##### Change the play speed

You can adjust the play speed of the video. Click the x1 in the editing tools to display the pull down menu. The normal play speed of the video is x1. You can choose from x0.1 to x8 to edit your videos.



## 9. Create fun videos with effects!

### ■ Deco-Pen tools



#### Pen

This tool allows you to draw freely on your video. By drawing the line while the video is playing, it will show up at the exact place and timing that you drew it. If you draw while the video is paused, the lines will show up starting with the next frame.

#### Pressure

You can enable Pressure when you are drawing using a pen tablet. Pressure affects the thickness of the lines.

#### Pen Tip Style and Size

You can change the pen size with the size slider or with the mouse wheel. You can choose the pen tip style from a circle, square, and with borders. By changing the color, the border color is automatically changed.



#### Select color

Use the color picker to select a color. Click the multi-colored bar to select a color. You can also select the hue and transparency.



#### Animation Eraser

Images drawn with the Deco-Pen will be displayed on the screen even if the scene changes. Use the animation eraser to erase the image at your desired timing. You can erase separate lines while playing or you can pause and erase multiple lines.



#### Eraser

Completely erase part of an image drawn with the pen.



#### Erase All (Trash can tool)

Erase all of images on the screen. You can use this if you want to start over.



#### Selector

You can use this to move an image that you have previously drawn. Use the selector to surround the images you want to select. The selected image will change color. Drag the image to your desired position.

#### Animation

You can animate the lines you have drawn using the Deco-Pen. From the 4 types of pull down menus, choose your desired animation. By default, "none" is selected. You can select when you want to begin animating your lines. For information about the Animation Button, please see the section on Effect Animations.

- |         |   |
|---------|---|
| Wriggle | The lines will get thicker and the borders change color |
| Move    | The lines will move up, down, left, and right           |
| Color   | The color of the lines will change                      |
| Blink   | The transparency of the lines will change               |

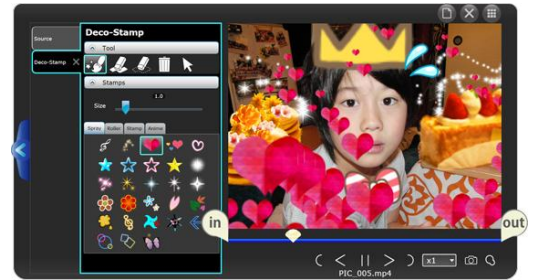
## 9. Create fun videos with effects!

### 9-2 Deco-Stamp

#### ■ How to use the Deco-Stamp



You can use the Deco-Stamp like pressing a stamp to create lively videos. Select a thumbnail or timeline bar and select Deco-Stamp from the effect menu.



#### Use the animation pen tool to place stamps on your video

Click the screen to begin recording. Click "Slow" or "Super slow" to draw on the screen while playing your video. If you would like to draw on the screen at normal speed, select "Normal". If you would like to change the speed while playing the video, select a speed from the "play speed" pull down menu. The play speed you select will affect the video your output.

Click or drag the mouse over the screen to apply the stamp.

Once the video finishes playing, it will be paused. If you would like to add more Deco-Stamps click play to continue.

#### ■ Deco-Stamp Tools

##### Stamp Tray

There are 4 different types of stamps: Stamp, Spray, Roller, and Anime. Select the stamp you would like to use and mouse over the screen to see a translucent preview of the stamp. Click or drag the mouse to apply the stamp. You can adjust the size using the mouse wheel.

##### Spray

This is a Deco-Stamp with movement. Drag the stamp around the screen to "spray" the objects on the screen. By changing the size of the stamp, you can create lively videos with the same stamp.

##### Roller

Drag the stamp on the screen freely. The object will follow the path you drew with your mouse, appear, and disappear. The objects will stay on the screen as long as you have the mouse button held down. You can leave the mouse button clicked, fill up the screen, and let go of the mouse button. The objects will disappear, beginning from the starting point.

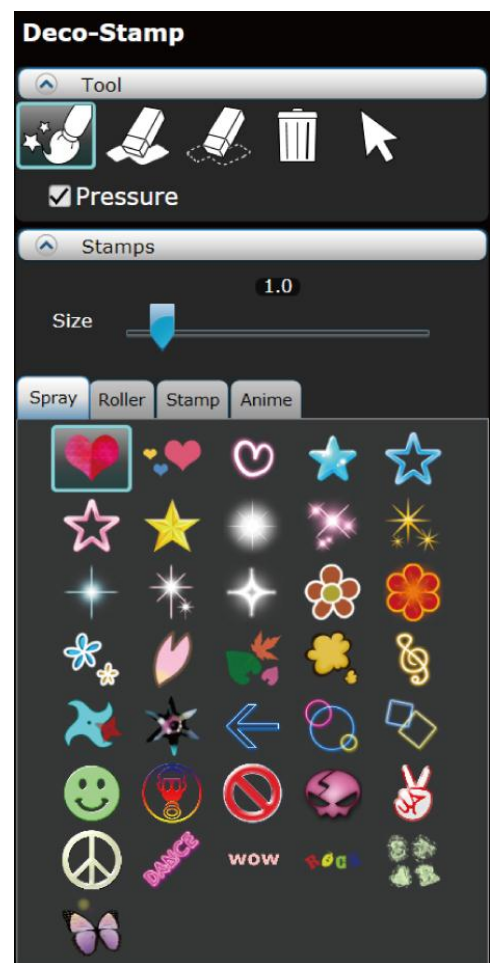
##### Stamp

Apply the stamp by clicking or dragging it across the screen. The object will be displayed as long as you have the mouse button held down, and disappear a few seconds after you have let go.

##### Anime

This stamp is animated like a flip-comic. The object will be displayed as long as you have the mouse button held down, and disappear a few seconds after you have let go.

\*The eraser and erase all tools can be used in the same fashion as the Deco-Pen. Please see the Deco-Pen section for more details.



## 9. Create fun videos with effects!

### 9-3 Effect Pen

#### ■ How to use the Effect Pen

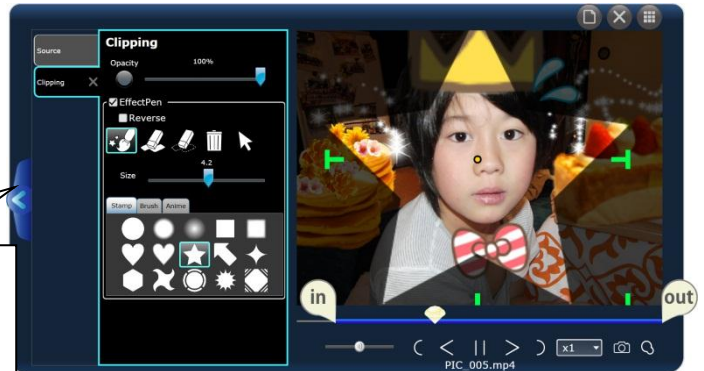
##### Effect Pen

You can apply effects to specific places.

By using the effect pen to apply effects, you can apply effects to specific places. You can also reverse the effect so that the places you drew with the pen do not have the effect.

##### Tray Switch

Click to show/hide the effect tray



#### ■ Effect Pen Tools (Effect Setting Tray)

##### Animation Record Button

By turning the round button on, you can record the changes in your effects as animations. If you turn the button off, you can disable the animation temporarily.

##### Animation Pen

You can select the style of the Animation Pen

- The stamp will apply the effect like a stamp, each time you click the mouse.
- The brush will apply the effect over the area you draw your mouse, in the shape of the pen.
- Anime will add movement (rotate, expand, and contract) the stamp.



##### Transparency

This will adjust the transparency of the effect (only for clipping)

##### Effect Pen

Click the check box to enable the effect pen. See below for information about the tools.

##### Brush Size

Adjust the brush size for the effect.



##### Animation Pen

This is the brush that applies the effect to your videos. Select the style of your brush from stamp/brush/anime.



##### Animation Eraser

Set the timing of when the effect is to be erased after you have used the Effect Pen.



##### Eraser

Permanently erase part of the applied effect from the video.



##### Erase All (Trash can tool)

Erase all effects.



##### Selector

Select or move the effect.

##### Reverse

Reverse the range to apply the effect

##### Pressure

You can enable Pressure when you are drawing using a pen tablet. Pressure affects the thickness of the lines.



## 9. Create fun videos with effects!

### 9-4 Effect animation

#### ■ How to use the Effect animation

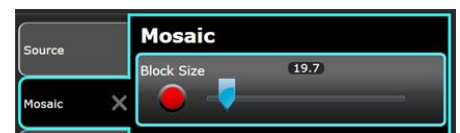
##### Recording Animation Movement

You can record the amount of the effect as an animation. You can set the animation recording for each effect. Turn the animation button off to disable the recorded animation temporarily.



##### 1. Turn on the animation recording button

The change in the amount of effect will be recorded as an animation.



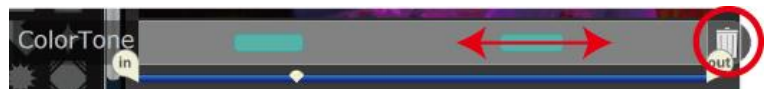
##### 2. Move the effect slider

Move the slider while the video is playing. The change will be recorded as an animation.

\*If you have 2 or more items to animation, click to select the animation. The animation with the blue border will be animated.

##### 3. Animation Key Frame Group

When an animation is recorded, a key frame group (blue line) will appear.



##### Move/Delete

You can move the position of the key frame. If you drag the key frame outside of the border, it will be erased. To erase all key frame groups, click the trash can button on the right.



##### Key Frame Animation

While the video is paused, change the parameter or click the + icon to add a key frame. Choose the start and end points of the key frame to create a smooth animation.



## 9. Create fun videos with effects!

### 9-5 Effect List



#### Brightness

You can adjust the contrast and the brightness. If your video is too dark or too bright, adjust the brightness first before you adjust the contrast. If you use the effect pen, you can apply the effect to specific places.



#### Color Change

You can adjust the saturation and hue.

Select the color with hue, and adjust with saturation. If the saturation is set to 0, the video will become monochrome.

If you use the effect pen, you can apply the effect to specific places.



#### Clipping

You can use the effect pen to clip certain parts of the image. Select the transparency and size, and then select the pen style from stamp, brush, and anime. Click or drag the mouse over the screen to apply. You can also reverse the place you want to clip. Use the clipping effect on the timeline with other videos to use this effect effectively.



#### Edge

This effect will emphasize the edges and cut out the rest. You can adjust the amount of the effect applied and the thickness of the outline.

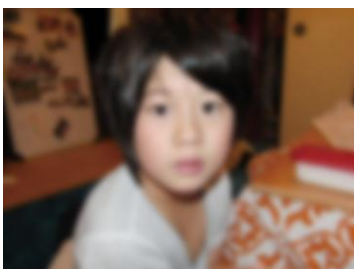
If you use the effect pen, you can apply the effect to specific places.



#### Threshold

This effect will emphasize the selected colors and black out the rest. You can adjust the amount of the effect and the amount of threshold.

If you use the effect pen, you can apply the effect to specific places.



#### Blur

The screen will be blurred.

If you use the effect pen, you can apply the effect to specific places.

## 9. Create fun videos with effects!



### **Glow**

This effect will add flare to your video give your video a soft feel. You can adjust the amount of brightness and blur.

If you use the effect pen, you can apply the effect to specific places.



### **Mosaic:**

This will apply a mosaic to your video. You can adjust the fineness of the mosaic.

If you use the effect pen, you can apply the effect to specific places.



### **Negative/Positive**

Reverse the negative and positive colors in the video.

If you use the effect pen, you can apply the effect to specific places.



### **Monochrome**

This effect will change a video with color to monochrome. You can adjust the amount of effect applied. You can also make the video sepia.

If you use the effect pen, you can apply the effect to specific places.



### **DECO-Pen**

You can free hand draw illustration on your video. Select the thickness, style and color, and draw directly on the screen. After you have finished drawing, apply an animation to make your lines wiggle or blink.



### **DECO-Stamp**

You can add objects to your video like pressing a stamp. Along with normal stamps, you can choose from spray, roller, and anime.



## 10. Capture video from your camera!

### 10. Capture video from your camera

#### 10-1 What is capture?



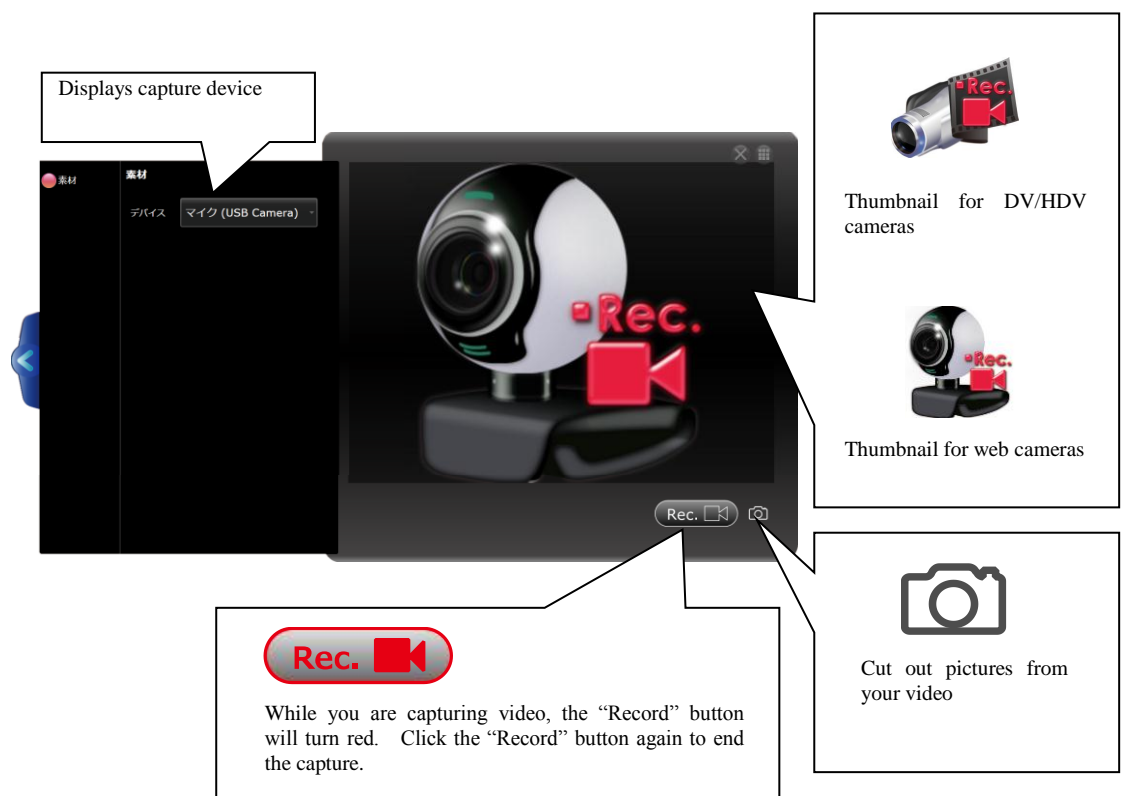
Capture videos from DV/HDV cameras and web cameras.

You can capture videos from cameras that are connected to your PC like web cameras, and even cameras that use tape like DV and HDV cameras. Click on the Capture icon in the home menu to see a list of devices available. Select the device you want to use and click "OK" to create a capture thumbnail on your desktop. Click on the thumbnail to view a preview, and click on "Record" to begin capturing from your camera. While you are capturing video, the thumbnail and button will turn red. Click "Record" again to end the capture.

Once you save the captured video, the file will appear on the desktop, ready to be edited.

\*While you are capturing, the thumbnail video from the camera may be choppy, but your capture data should not have any issues. Use your camera monitor to check your video during capture.

#### 10-2 How to capture video



Displays capture device

Thumbnail for DV/HDV cameras

Thumbnail for web cameras

Rec. [camera icon]

Rec. [camera icon]

While you are capturing video, the "Record" button will turn red. Click the "Record" button again to end the capture.

Cut out pictures from your video

## 11. Option Settings

### 11. Option Settings



#### GPU

By enabling GPU video playback, users who have a graphics card that support h.264 video playback, can further enjoy Super LoiLoScope smoothly.

\*GPU video playback is only supported in Windows Vista and Windows 7.

Please use the most recent graphics drivers.

Windows XP does not support video playback.

#### Graphics Cards that support GPU video playback

Intel G45 or better

NVIDIA® GeForce 8000 series or later (Excluding 8800GTX,8300)

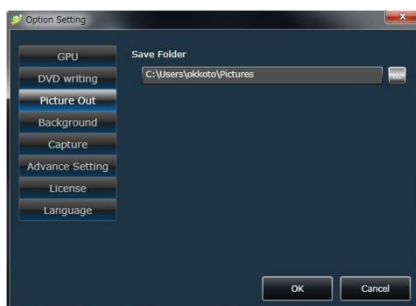
ATI RadeonHD2000series or later (Excluding 2900)



#### DVD Writing

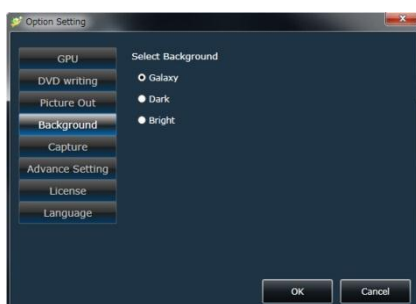
Set the DVD writing software to Windows DVD Maker. This will enable windows DVD Maker to automatically run and add the created video to the list.

For details, see 6-5 Device Output DVD.



#### Picture Out

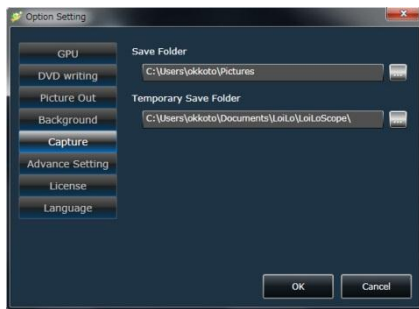
Set the save folder for pictures cut out from thumbnails or timelines.



#### Background

Set the background for Super LoiLoScope to Galaxy, Dark, or Bright.

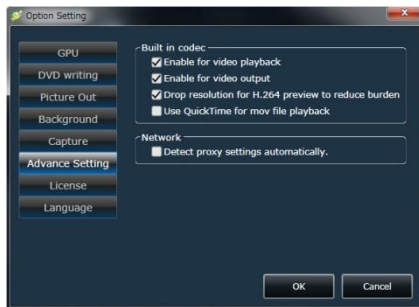
## 11. Option Settings



### Capture

Set the temporary save folder (folder to temporarily save data during capturing video) and save folder for captured videos.

For details, see Capture from DV/HDV cameras and web cameras.



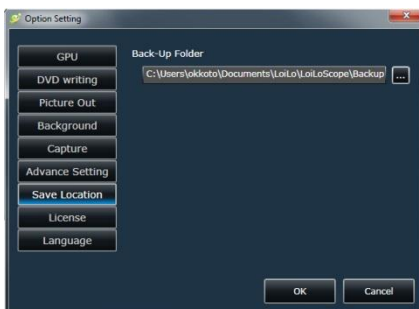
### Advance Setting

Set whether to drop the quality of H.264 videos during preview to decrease the load of the CPU.

Remove the check mark if you wish to view the videos in high quality.

Force MOV files to use QuickTime to play. (Default setting is internal codec)

Check this if you have issues playing MOV files.



### Save Location

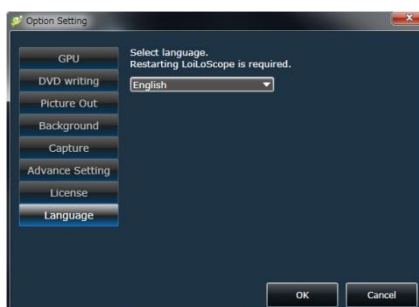
Designate the folder you would like to save your output videos to.



### License

Display Super LoiLoScope license information.

You can enter the serial number or license file you received when you purchased the software to authorize.



### Language

You can select the display language of Super LoiLoScope from 17 languages. (English, Brazilian Portuguese, Canadian French, Dutch, Finnish, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Traditional Chinese, Simplified Chinese, Spanish, Swedish)

You must restart the software for the language change to take place.

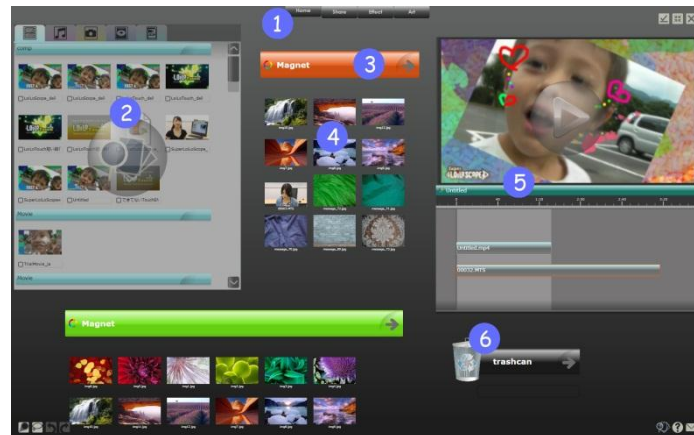
When restarting the software, save your Desktop to maintain your current project.

## 12. Learn the names of each part!

### 12. Learn the names of each part!

#### 12-1 Names of the objects on the desktop

##### ■ Function of each part



##### 1 Menu

The Home, Share, Effect, and Art button at the top of the screen contain the functions for each section.

##### 2 Media Browser

The media browser displays all the files you can edit in Super LoiLoScope.

Select the video/music/picture tab to display the files, click on the check boxes to directly output or upload from the media browser, or move the files to the desktop by either clicking or drag and drop the file to the desktop.



##### 3 Magnet

The magnet can help you organize the scattered files on the desktop. You can change the color, length, and the title of the magnet, and also change the order of the thumbnails that are stuck to the magnet. You can line up videos and pictures and play them as a slideshow or you can bulk upload and output the file.



##### 4 Thumbnail

You can preview the video, music, and/or picture file by placing your mouse over the thumbnail. Click to set the start and finish points, and use only the portions you want..



##### 5 Timeline

Gather and compile your favorite scenes to create a project.



##### 6 Trash can

A magnet to gather and erase unwanted video/picture/music thumbnails from the desktop.

## 12. Learn the names of each part!

### 12-2 List of Home menu icons

#### ■ Home Menu functions



##### **Save desktop or create a new project**

Click here to save your current Super LoiLoScope project or create a new project.

##### **Saving the desktop**

By saving the desktop, you can save the current state of your desktop thumbnails and timeline. The saved file is called a project. Depending on the contents of your project, it may be convenient to split up your project and save them separately.

If you delete a video or photo file from Windows, the file will not be available in your project.

##### **Moving the desktop files**

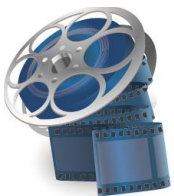
If you move the original video, music, or picture file that is being used in your saved project, the project file will recognize the file has moved only if the file is placed within the same folder group as the project file. If placed elsewhere, your project file will not be able to recognize where the file has moved to. If the project file cannot recognize the location of the file, a dialog box will be displayed, and will allow you to reset the paths of each file that could not be found.



##### **Magnet**

This button will create a magnet.

The magnet will help you collect and organize the thumbnails on your desktop. You can also gather the thumbnails collected on the magnet into a single folder.



##### **Timeline**

This button will create a timeline.

In the timeline, you can arrange your videos, pictures, and music to create a single video. You can also rotate, move, and change the size of the files to arrange the scene. You can create as many timelines as desired.



##### **Capture**

This button creates a capture thumbnail.

You can create videos files by importing videos from your DV/HDV cameras and web cameras connected to your PC.



##### **Options**

This button will allow you to change the detailed settings for each function.

You can change the settings for the GPU decoder, DVD writing software, background image, and the output folder.











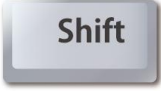


13. Master the keyboard shortcuts!

13. Master the keyboard shortcuts!

13-1 List of keyboard shortcuts

Keyboard shortcuts

Here you will find a list of keyboard shortcuts you can use in Super LoiLoScope.

Space bar		Thumbnail Full screen Timeline	Play/Pause Play/Pause Play/Pause
Arrow key (Left)		Thumbnail Full screen Timeline Thumbnail on a magnet	Return frame Return frame Return frame Next thumbnail
Arrow key (right)		Thumbnail Full screen Timeline Thumbnail on a magnet	Next frame Next frame Next Frame Previous thumbnail
Delete key		Thumbnail Full screen Timeline bar Magnet selected	Send to trash Send to trash Send to trash Delete magnet
ESC key		Thumbnail Full screen Timeline bar Magnet	Deselect Exit full screen Deselect Deselect
ctrl + arrow key (left/right)	  or 	Timeline bar	Move play position 1 frame
ctrl +Z key	 	Timeline bar	Undo
Shift +ctrl +Z key	  	Timeline bar	Redo

## 14. Super LoiLoScope System requirements

### 14. System Requirements

#### 14-1 SD Quality videos

OS	Windows® 7, Windows® Vista, Windows® XP SP3 or later (32bit/64bit)
CPU	ATOM 1.6GHz or better, Pentium®4 2GHz or better
Memory	1GB or more
GPU	Graphic cards that support PixelShader2.0 or later NVIDIA® GeForce 6000 series or better ATI Radeon9600 or better Intel 945 or better

#### 14-2 HD Quality videos

OS	Windows® 7, Windows® Vista, Windows® XP SP3 or later (32bit/64bit)
CPU	Core2 Duo 2GHz or better
Memory	2GB or more
GPU	Graphic cards that support H.264 decoder NVIDIA® GeForce 8000 series or better (Excluding 8800GTX, 8300) ATI RadeonHD2000 series or later (Excluding 2900) Intel G45 or better

#### 14-3 Others

- Microsoft .NET Framework 3.5sp1 must be installed on your PC.
- Use the most recent drivers for your graphics card.  
Drivers that were released in 2008 may experience unstable video playback.  
Please view our web(<http://loilo.tv/product/1/desc/107>) on how to update your graphics card driver.
- To install you must have administrator privileges.
- Systems running Windows on virtual software cannot be supported.
- To use GPU H.264 video decode, you must have Windows Vista or Windows 7
- 5.1ch audio playback is only supported on Windows Vista and Windows 7.